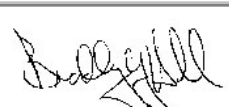


STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT <input checked="" type="checkbox"/>				
APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER ULT M-36-3-1E				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT RANDLETT				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR CRESCENT POINT ENERGY U.S. CORP						7. OPERATOR PHONE 720 880-3621				
8. ADDRESS OF OPERATOR 555 17th Street, Suite 750, Denver, CO, 80202						9. OPERATOR E-MAIL abaldwin@crecidentpointenergy.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) fee			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Gilbert Maggs						14. SURFACE OWNER PHONE (if box 12 = 'fee') 321-917-4999				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 230 Park Avenue, Satellite Beach, FL 32937						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		1324 FSL 1326 FWL		SESW	36	3.0 S	1.0 E	U		
Top of Uppermost Producing Zone		1324 FSL 1326 FWL		SESW	36	3.0 S	1.0 E	U		
At Total Depth		1324 FSL 1326 FWL		SESW	36	3.0 S	1.0 E	U		
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 1324			23. NUMBER OF ACRES IN DRILLING UNIT 20				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 935			26. PROPOSED DEPTH MD: 8524 TVD: 8524				
27. ELEVATION - GROUND LEVEL 5092			28. BOND NUMBER LPM9080271			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	24	16	0 - 40	65.0	H-40 ST&C	8.3	No Used	0	0.0	0.0
SURF	12.25	8.625	0 - 1000	24.0	J-55 ST&C	8.3	Class G	641	1.15	15.8
PROD	7.875	5.5	0 - 8524	17.0	N-80 LT&C	10.0	Light (Hibond)	270	3.66	10.5
							Class G	530	1.65	13.0
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Lauren MacMillan				TITLE Regulatory Specialist			PHONE 303 382-6787			
SIGNATURE				DATE 02/04/2014			EMAIL lmacmillan@crecidentpointenergy.com			
API NUMBER ASSIGNED 43047542660000				APPROVAL  Permit Manager						

Crescent Point Energy U.S. Corp
ULT M-36-3-1E
 SE/SW of Section 36, T3S, R1E
 SHL & BHL: 1324' FSL & 1326' FWL
 Uintah County, Utah

DRILLING PLAN

1-2. Geologic Surface Formation and Estimated Tops of Important Geologic Markers

Formation	Depth – TVD/MD
Uinta	Surface
Upper Green River Marker	4,163'
Mahogany	4,674'
Garden Gulch (TGR3)	5,710'
Douglas Creek	6,620'
Black Shale	7,124'
Castle Peak	7,285'
Uteland	7,587'
Wasatch	7,724'
TD	8,524'

3. Estimated Depths of Anticipated Water, Oil, Gas Or Minerals

Green River Formation (Oil) 4,163' – 7,724'
 Wasatch Formation (Oil) 7,724' – 8,524'

Fresh water may be encountered in the Uinta Formation, but would not be expected below 350'. All usable (>10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected.

All water shows and water bearing geologic units will be reported to the geologic and engineering staff of the BLM Vernal Field Office prior to running the next string of casing or before plugging orders are requested. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required. All water shows must be reported within one (1) business day after being encountered. Detected water flows shall be sampled, analyzed, and reported to the geologic and engineering staff at the Vernal Field Office. The BLM may request additional water samples for further analysis.

The following information is requested for water shows and samples where applicable:

Location & Sample Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO ₃) (mg/l)
Dissolved Bicarbonate (NaHCO ₃) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO ₄) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. Proposed Casing & Cementing Program*Casing Design:*

Size	Interval		Weight	Grade	Coupling	Design Factors			
	Top	Bottom				Burst	Collapse	Tension	
Conductor 16" Hole Size 24"	0'	40'	65	H-40	STC	1,640	670	439	API
Surface casing 8-5/8" Hole Size 12-1/4"	0'	1000'	24	J-55	STC	2,950 405 7.27	1,370 696 1.97	244,000 24,000 10.17	API Load SF
Prod casing 5-1/2" Hole Size 7-7/8"	0'	8,524'	17	E-80	LTC	7,740 6,200 1.25	6,290 3,700 1.70	348,000 124,000 2.80	API Load SF

Assumptions:

1. Surface casing max anticipated surface pressure (MASP) = Frac gradient – gas gradient
2. Production casing MASP (production mode) = Pore pressure – gas gradient
3. All collapse calculations assume fully evacuated casing w/gas gradient
4. All tension calculations assume air weight

Frac gradient at surface casing shoe = 10.0 ppg
 Pore pressure at surface casing shoe = 8.33 ppg
 Pore pressure at prod casing shoe = 8.33 ppg
 Gas gradient = 0.115 psi/ft

Minimum Safety Factors:

Burst = 1.000
 Collapse = 1.125
 Tension = 1.800

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of one (1) centralizer per joint on the bottom three joints.

Cementing Design:

Job	Fill	Description	Excess	Sacks	Weight (ppg)	Yield (ft ³ /sk)
Surface casing	1000' - surface	Class V 2% chlorides	75%	641	15.8	1.15
Prod casing Lead	4163' to Surface	Hifill Class V 3% chlorides	45% in open-hole 0% in Cased hole	270	10.5	3.66
Prod casing Tail	TD to 4163'	Class G 10% chlorides	15%	530	13.0	1.65

*Actual volume pumped will have excess over gauge hole or caliper log if available

- Compressive strength of tail cement: 500 psi @ 7 hours

Waiting On Cement: A minimum of four (4) hours shall elapse prior to attempting any pressure testing of the BOP equipment which would subject the surface casing cement to pressure, and a minimum of six (6) hours shall elapse before drilling out of the wiper plug, cement, or shoe. WOC time shall be recorded in the Driller's Log. Compressive strength shall be a minimum of 500 psi prior to drilling out.

The Vernal BLM office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

The production casing cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Production casing will be pumped as a single stage cement job (no DV tool).

As a minimum, usable water zones shall be isolated and/or protected by having a cement top for the production casing at least 200 feet above the base of the usable water. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A Tuned spacer will be used to prevent contamination of the lead cement by the drilling mud.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

A Form 3160-5, "Sundry Notices and Reports on Wells" shall be filed with the Vernal Field Office within 30 days after the work is completed. This report must include the following information:

Setting of each string of casing showing the size, grade, weight of casing set, depth, amounts and type of cement used, whether cement circulated of the top of the cement behind the casing, depth of the cementing tools used, casing method and results, and the date of the work done. Spud date will be shown on the first reports submitted.

5. Drilling Fluids Program

The Conductor section (from 0' to 40') will be drilled by Auger and final depth determined by when the black shale is encountered with a minimum depth of 40'.

The surface interval will then be drilled to $\pm 1000'$ with air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run to the reserve pit. A variance is in request for this operation. The request can be found in Section 12 of this plan.

From $\pm 1000'$ to TD, a brine water system will be utilized. Clay inhibition and hole stability will be achieved with a polymer (DAP) additive; the reserve pit will be lined to address this additive. This brine water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 9.5 lbs/gal. If it is necessary to control formation fluids or pressure, the system will be weighted with the addition of brine, and if pressure conditions warrant, barite and/or calcium carbonate will be used as a weighting agent. There will be enough weighting agent on location to increase the entire system to 11.0 ppg MW.

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating characteristics of a hazardous waste will not be used in drilling, testing, or completion operations.

Crescent Point Energy will visually monitor pit levels and flow from the well during drilling operations.

6. Minimum Specifications for Pressure Control

A 3,000 psi BOP system or better will be used on this well. All equipment will be installed and tested per Onshore Order No. 2.

The configuration is as follows:

- Float in drillstring
- Inside BOP or safety valve
- Safety valve with same pipe threading
- Rotating Head below rotary table
- Fillup line
- 11" Annular Preventer – rated to 3,000 psi minimum
- 11" bore, 4-1/2" pipe ram – rated to 3,000 psi minimum
- 11" bore, Blind Ram – rated to 3,000 psi minimum
- 11" bore Drilling Spool with 2 side outlets (Choke side at 3" minimum & Kill side at 2" minimum)
 - 2 Kill line valves at 2" minimum – one with a check valve
 - Kill line at 2" minimum
 - 2 Choke line valves at 3" minimum
 - Choke line at 3" minimum
 - 2 adjustable chokes on manifold
 - Pressure gauge on choke manifold

7. BOPE Test Criteria

A Function Test of the Ram BOP equipment shall be made every trip and annular preventer every week. All required BOP tests and/or drills shall be recorded in the Driller's Report.

Chart recorders will be used for all pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to BLM representatives upon request.

At a minimum, the Annular preventer will be tested to 50% of its rating for ten minutes. All other equipment (Rams, valves, manifold) will be tested at 3,000 psi for 10 minutes with a test plug. If rams are to be changed for any reason post drillout, the rams will be tested to 70% of surface casing internal yield.

At a minimum, the above pressure tests will be performed when such conditions exist:

- BOP's are initially installed
- Whenever a seal subject to pressure test is broken
- Following repairs to the BOPs
- Every 30 days

8. Accumulator

The Accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (HCR), close both rams and annular preventer as well maintain 200 psi above nitrogen precharge of the accumulator without use of accumulator pumps. The fluid reservoir volume will be double the usable volume of the accumulator system. The fluid level will be maintained per manufacturer's specifications.

The BOP system will have 2 independent power sources to close both rams and annular preventer, while opening HCR. Nitrogen bottles will be 1 source and electric and/or air powered pumps will be the other.

The accumulator precharge will be conducted every 6 months and maintained to be within the specifications of Onshore Order No. 2

A manual locking device or automatic locking device will be installed on both ram preventers and annular preventer.

Remote controls will be readily accessible to the driller and be capable of closing all preventers. Main controls will be available to allow full functioning of all preventers and HCR.

9. Testing, Logging and Coring Programs

The logging program will consist of a Gamma Ray log from TD to base of surface casing @ +/- 1100'. A cement bond log will be run from PBTD to top of cement. No drill stem testing or coring is planned for this well.

10. Anticipated Abnormal Pressures or Temperature

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous wells drilled to similar depths in this area.

Maximum anticipated bottomhole pressure will be approximately equal to total depth in feet multiplied by a 0.52 psi/ft gradient, and a maximum anticipated surface pressure will be approximately equal to the

bottomhole pressure calculated minus the pressure of a partially evacuated hole calculated at a 0.22 psi/foot gradient.

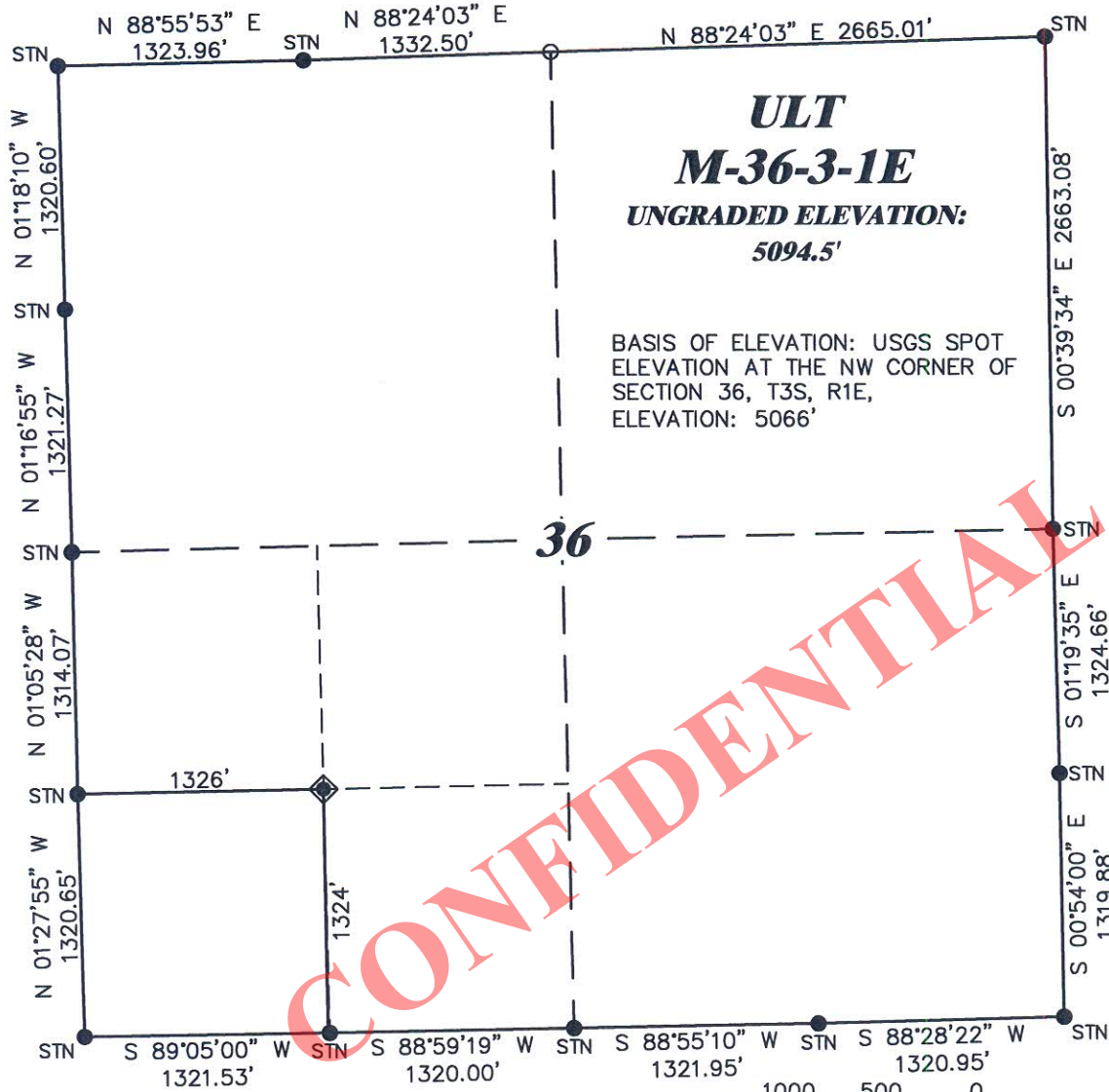
11. Anticipated Starting Date and Duration of Operations

It is anticipated that drilling operations will commence as soon as possible following permit approval and take approximately seven (7) days from spud to rig release and two weeks for completions.

12. Variances Requested from Onshore Order No. 2

1. A diverter is utilized for surface air drilling, rather than a lubricated rotating head.
2. The blooie line is 45 ft from the wellbore rather than 100 ft and is not anchored down.
3. The blooie line is not equipped with an automatic igniter or continuous pilot light.
4. The compressor is located on the rig itself and not 100 ft from the wellbore.
5. The requirement for an Formation Integrity Test (FIT) or a Leak Off Test (LOT)

CONFIDENTIAL

R. 1 E.

SCALE 1" = 1000'

T. 3 S.

LATITUDE (NAD 83)
NORTH 40.175038 DEG.
LONGITUDE (NAD 83)
WEST 109.835818 DEG.

LATITUDE (NAD 27)
NORTH 40.175077 DEG.
LONGITUDE (NAD 27)
WEST 109.835118 DEG.

NORTHING
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EASTING
2465191.48

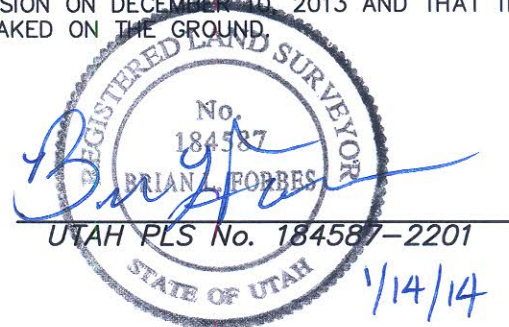
DATUM
SPCS UTC (NAD 27)

SURVEYOR'S STATEMENT

I, BRIAN L. FORBES, OF ROCK SPRINGS, WYOMING, HEREBY STATE: THIS MAP WAS MADE FROM NOTES TAKEN DURING AN ACTUAL FIELD SURVEY DONE UNDER MY DIRECT SUPERVISION ON DECEMBER 10, 2013 AND THAT THIS PLAT CORRECTLY SHOWS THE LOCATION OF ULT M-36-3-1E AS STAKED ON THE GROUND.

LEGEND

- ◆ WELL LOCATION
- BOTTOM HOLE LOC. (APPROX)
- FOUND MONUMENT
- CALCULATED MONUMENT



DRG **RIFFIN & ASSOCIATES, INC.**
(307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

**PLAT OF DRILLING LOCATION
FOR
CRESCENT POINT ENERGY**

**1324' F/SL & 1326' F/WL, SESW, SECTION 36,
T. 3 S., R. 1 E., U.S.B.&M.
UINTAH COUNTY, UTAH**

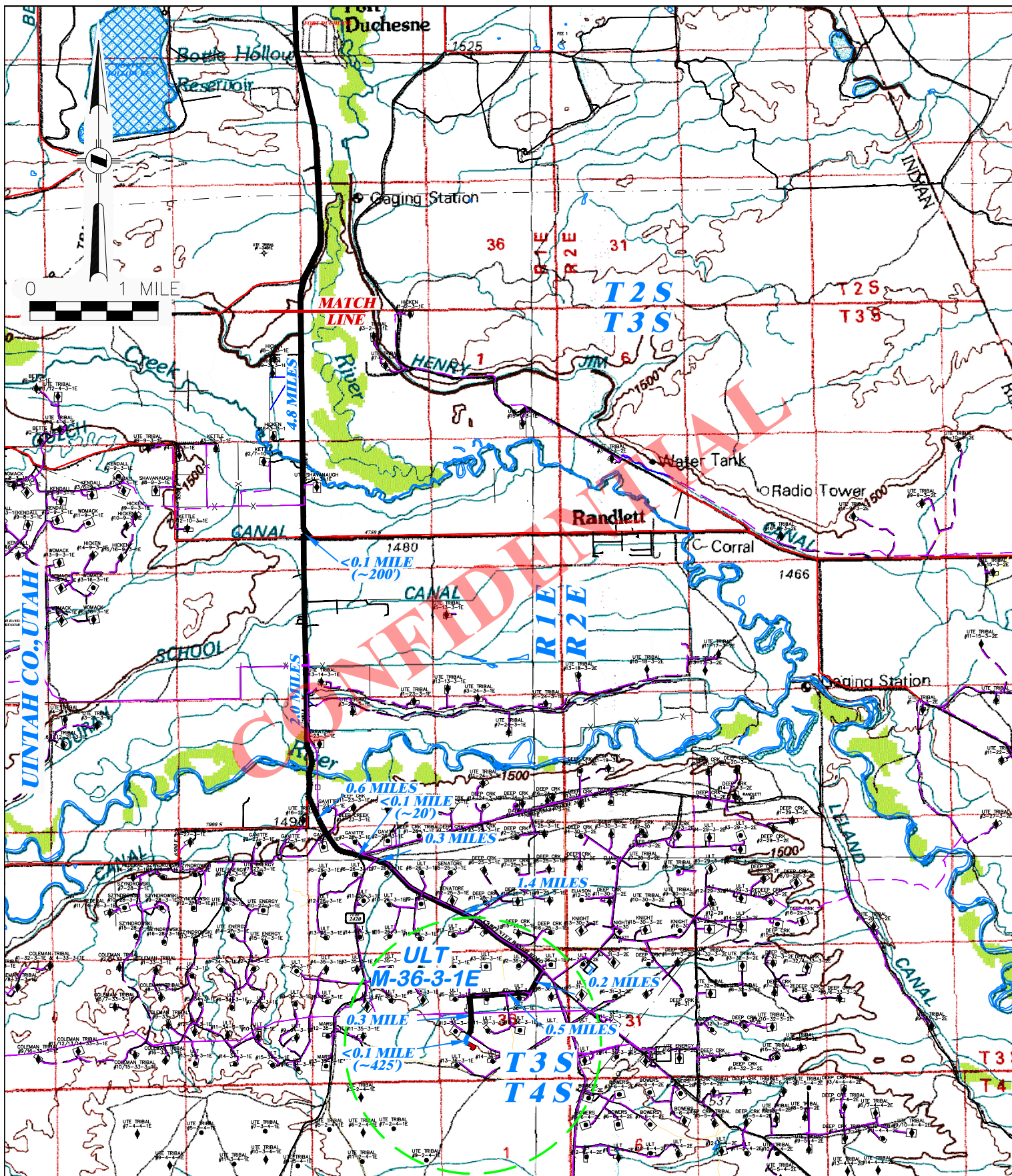
DRAWN: 1/7/14 - TMH

SCALE: 1" = 1000'

REVISED: NA

DRG JOB No. 20225

EXHIBIT 1


DRG RIFFIN & ASSOCIATES, INC.

(307) 362-5028

1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 1/7/14 - TMH

SCALE: 1" = MILE

REVISED: NA

DRG JOB No. 20225

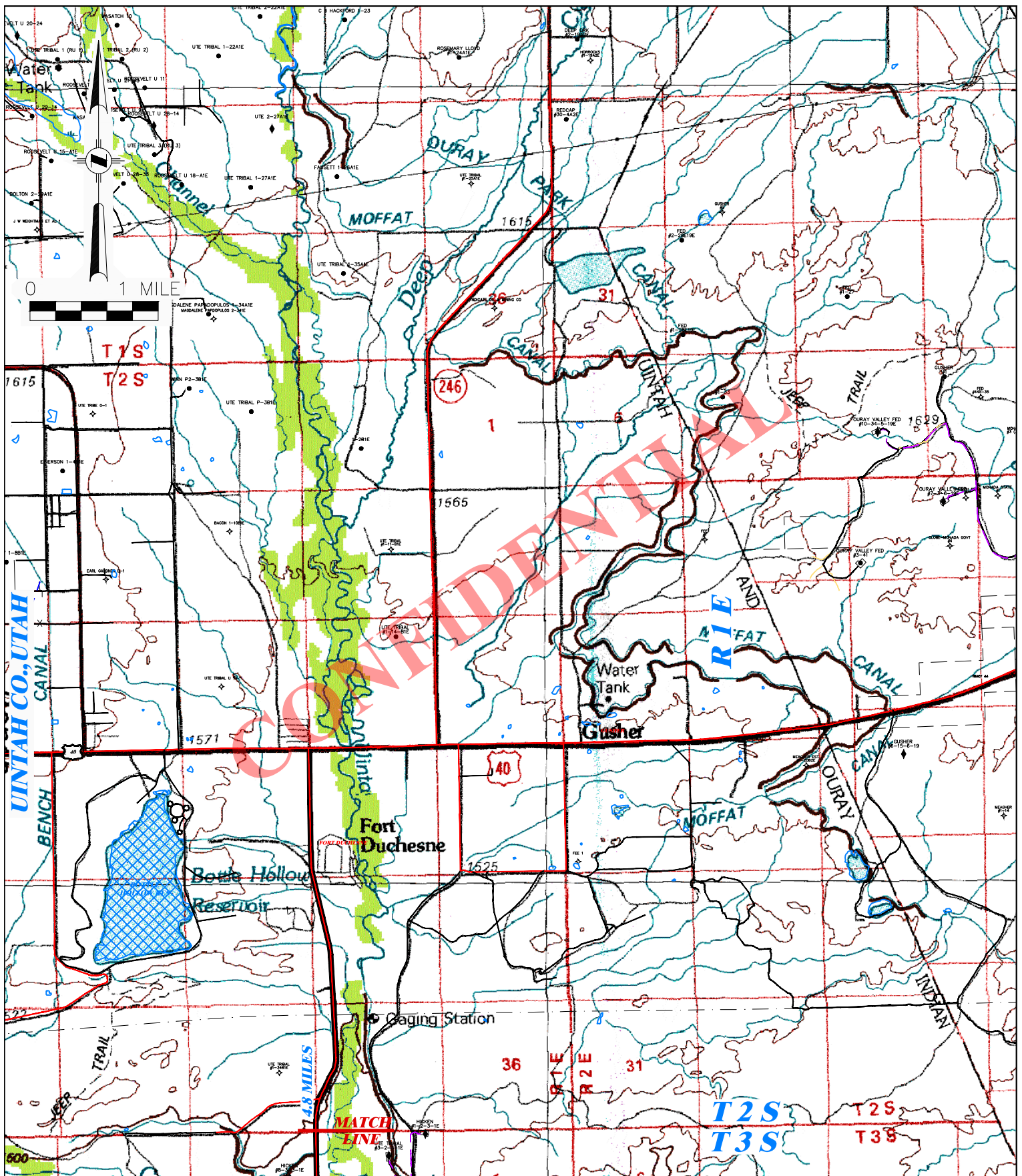
TOPO A - SHEET 1 OF 2

**PROPOSED ACCESS FOR
CRESCENT POINT ENERGY
ULT M-36-3-1E
SECTION 36, T3S, R1E**

PROPOSED ROAD

EXISTING ROAD

RECEIVED: February 04, 2014


DRG RIFFIN & ASSOCIATES, INC.

(307) 362-5028

1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 1/7/14 - TMH

SCALE: 1" = MILE

REVISED: NA

DRG JOB No. 20225

TOPO A - SHEET 2 OF 2

**PROPOSED ACCESS FOR
CRESCENT POINT ENERGY
ULT M-36-3-1E
SECTION 36, T3S, R1E**

PROPOSED ROAD

EXISTING ROAD

RECEIVED: February 04, 2014

RIFFIN & ASSOCIATES, INC.
1414 ELK ST., ROCK SPRINGS, WY 82901

EXISTING ROAD



(307) 362-5028

1414 ELK ST., ROCK SPRINGS, WY 82901



SCALE: 1" = 2000'

DRG JOB No. 20225

PROPOSED ROAD

 EXISTING ROAD

RECEIVED: February 04, 2014

TOTAL PROPOSED LENGTH: 542.9'±	
PROPOSED PIPELINE 	EXISTING ROAD 

MEMORANDUM of SURFACE USE AGREEMENT AND GRANT OF EASEMENTS

Todd Kalstrom is the Vice President of Land for Ute Energy LLC and Ute Energy Upstream Holdings LLC, authorized to do business in Utah (hereinafter referred to as "Ute Energy"). Ute Energy owns, operates and manages oil and gas interests in Uintah and Duchesne Counties, Utah.

WHEREAS, that certain Surface Use Agreement and Grant of Easements ("Agreement") dated effective April 26th, 2011 has been entered into by and between Utah Land Trust, whose address is c/o Gilbert Maggs, as Trustee, 230 Park Avenue, Satellite Beach, FL 32937 ("Owner") and Ute Energy Upstream Holdings LLC, whose address is 1875 Lawrence Street, Suite 200, Denver, CO 80202 ("Operator").

WHEREAS, as of the date referenced above, this Agreement replaces in all respect the existing agreement covering a portion of the Property listed below and made and entered into between Flying J Oil and Gas Inc., a Utah corporation and Utah Land Trust, and found at Entry Number 2008007507 of the Uintah County Recorder's Office in Uintah County, Utah.

WHEREAS, Owner owns the surface estate of the real property in Uintah County, Utah (the "Property"), legally described as:

Township 3 South, Range 1 East, USM

Section 25: S/2SW/4
Section 26: S/2, S/2N/2
Section 34: All
Section 35: N/2
Section 36: All

Township 3 South, Range 2 East, USM

Section 29: W/2
Section 31: W/2

Township 4 South, Range 2 East, USM

Section 5: SW/4
Section 6: S/2

WHEREAS, for an agreed upon monetary consideration, Operator may construct the necessary well site pads for drilling, completion, re-completion, reworking, re-entry, production, maintenance and operation of wells ("Well Pads") on the Property. Ute Energy, its agents, employees, assigns, contractors and subcontractors, may enter upon and use the Well Pads for the purposes of drilling, completing, producing, maintaining, and operating Wells to produce oil, gas and associated hydrocarbons produced from the Property, including the construction and use of frac pits, tank batteries, water disposal pits, production equipment, compressor sites and other facilities used to produce and market the oil, gas and associated hydrocarbons.

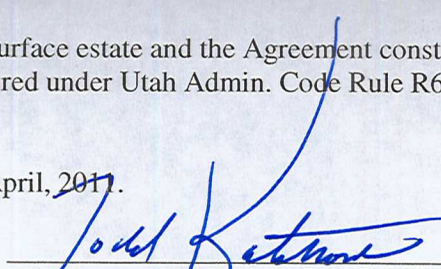
WHEREAS, Operator has the right to a non-exclusive access easement ("Road Easement") on the Property for ingress and egress by Operator and its employees, contractors, sub-contractors, agents, and business invitees as needed to conduct oil and gas operations.

WHEREAS, Operator, its employees, contractors, sub-contractors, agents and business invitees has the right to a non-exclusive pipeline easement to construct, maintain, inspect, operate and repair a pipeline or pipelines, pigging facilities and related appurtenances for the transportation of oil, gas, petroleum products, water and any other substances recovered during oil and gas production.

WHEREAS, this Agreement shall run with the land and be binding upon and inure to the benefit of the parties and their respective heirs, successors and assigns as stated in this Agreement.

THEREFORE, Operator is granted access to the surface estate and the Agreement constitutes a valid and binding surface use agreement as required under Utah Admin. Code Rule R649-3-34(7).

This Memorandum is executed this 28th day of April, 2011.



Todd Kalstrom
Vice President of Land


Entry 2011003143
Book 1231 Page 576

ACKNOWLEDGEMENT

STATE OF COLORADO) } ss
COUNTY OF DENVER)

The foregoing instrument was acknowledged before me by Todd Kalstrom, Vice President of Land for Ute Energy LLC and Ute Energy Upstream Holdings LLC this 28th day of April, 2011.

LLC this 28th day of April, 2011.



Notary Public

Notary Seal:

My Commission expires:

September 15, 2014



My Comm. Expires September 15, 2014

Entry 2011003143
Book 1231 Page 575-576 \$20.00
29-APR-11 03:56
RANDY SIMMONS
RECORDER, UTAH COUNTY, UTAH
UTE ENERGY LLC ATTN FELICIA GATES-M
PO BOX 789 FT DUCHESNE, UT 84026
Rec By: SYLENE ACCUTTOROOP , DEPUTY

CONFIDENTIAL

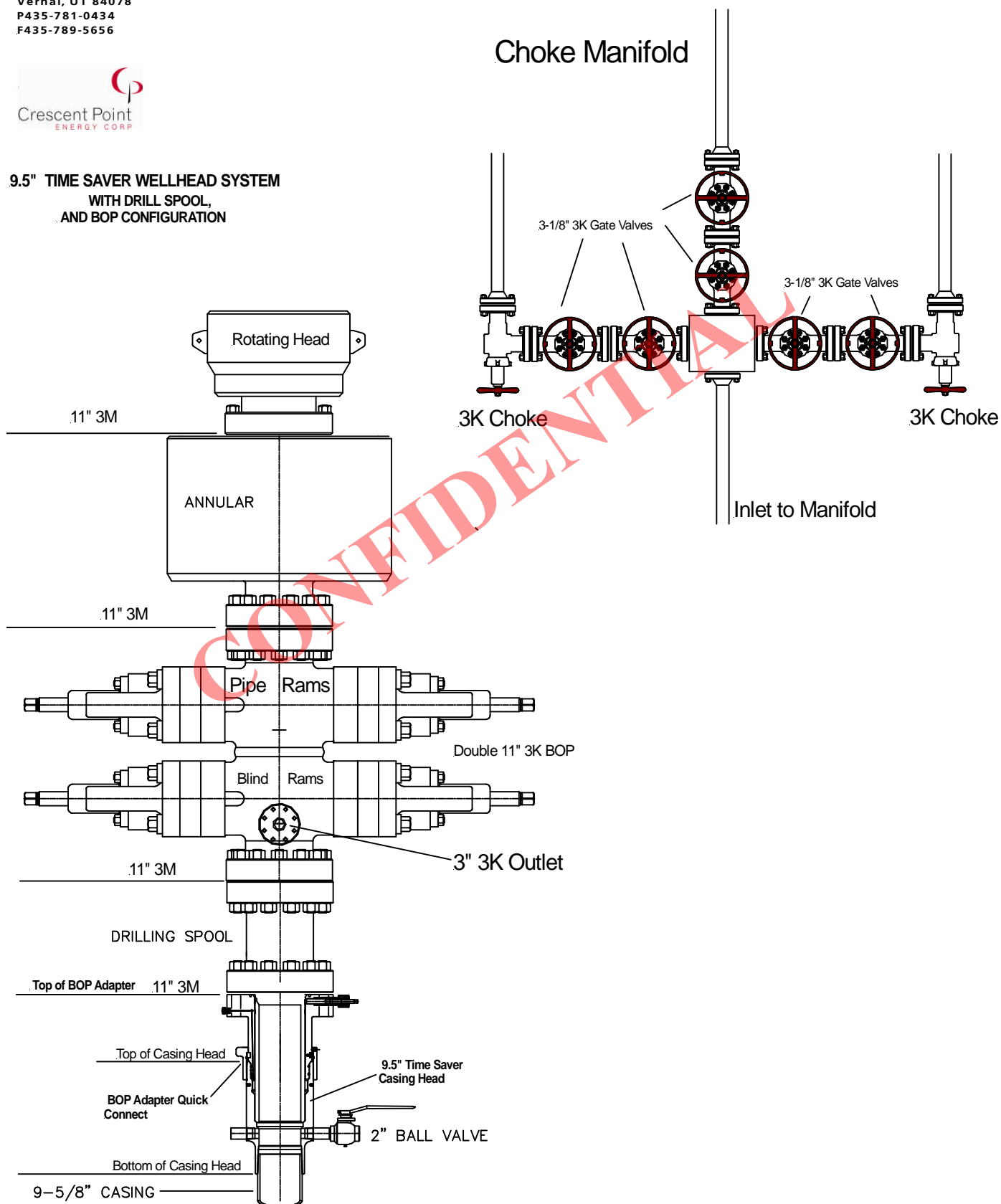


519 E. 300 S.
Vernal, UT 84078
P435-781-0434
F435-789-5656

Oct, 18, 2013



**9.5" TIME SAVER WELLHEAD SYSTEM
WITH DRILL SPOOL,
AND BOP CONFIGURATION**





555 17th Street, Suite 750
Denver, CO 80202
Phone: (720) 880-3610

January 31, 2014

State of Utah Division of Oil, Gas and Mining
Attention: Diana Mason
1594 West North Temple
Salt Lake City, UT 84116

RE: Exception Location Request (R649-3-3)
ULT M-36-3-1E
SE/SW of Section 36, T3S, R1E
1324' FSL & 1326' FWL
UBS&M, Uintah County, Utah

Dear Ms. Mason:

Crescent Point Energy U.S. Corp (Crescent Point) proposes to drill the ULT M-36-3-1E from a surface location of 1,324' FSL & 1,326' FWL of Section 36, T3S, R1E. With an approximate surface location at the center of the SW/4 of Section 36, this well would be considered an Exception to Location and Siting of Wells under R649-3-3. Crescent Point owns 100% of the leasehold within a 460' radius of the intended wellbore.

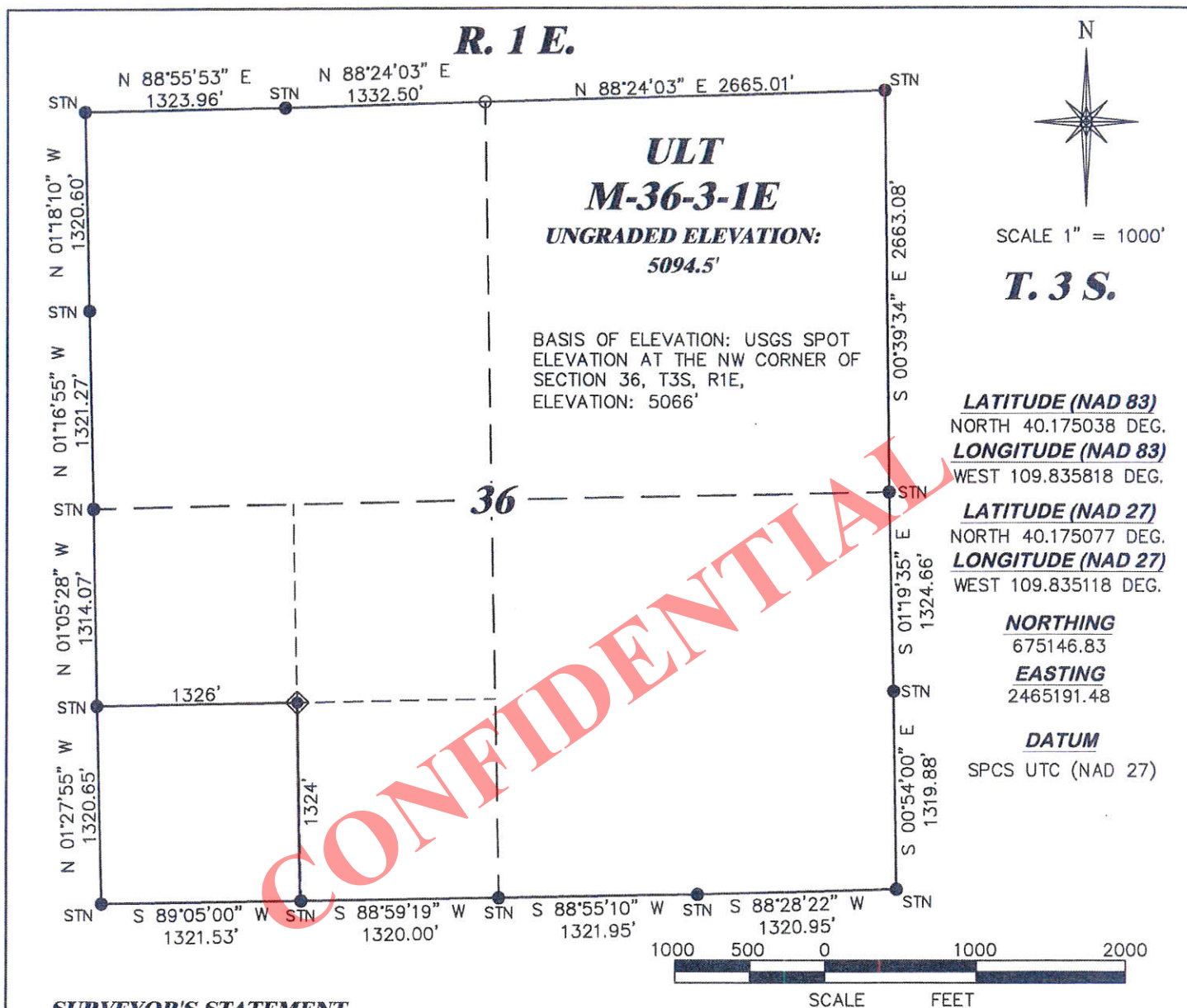
Crescent Point respectfully requests that Utah Division of Oil, Gas and Mining administratively grant an exception location for the ULT M-36-3-1E.

If you have any questions or require further information, please don't hesitate to contact the undersigned at 303-382-6786 or by email at rwaller@crescentpointenergy.com. Your consideration of this matter is greatly appreciated.

Sincerely,
Crescent Point Energy U.S. Corp

A handwritten signature in blue ink, appearing to read 'RWaller', written over a large, diagonal, red 'CONFIDENTIAL' watermark.

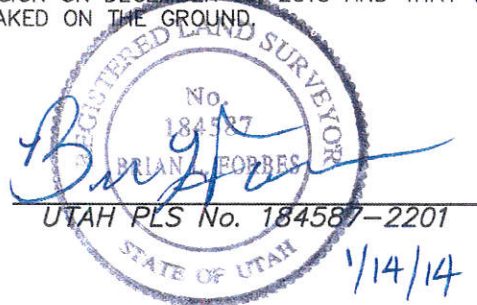
Ryan Waller
Landman

**SURVEYOR'S STATEMENT**

I, BRIAN L. FORBES, OF ROCK SPRINGS, WYOMING, HEREBY STATE: THIS MAP WAS MADE FROM NOTES TAKEN DURING AN ACTUAL FIELD SURVEY DONE UNDER MY DIRECT SUPERVISION ON DECEMBER 10, 2013 AND THAT THIS PLAT CORRECTLY SHOWS THE LOCATION OF ULT M-36-3-1E AS STAKED ON THE GROUND.

LEGEND

- ◆ WELL LOCATION
- BOTTOM HOLE LOC. (APPROX)
- FOUND MONUMENT
- CALCULATED MONUMENT



DRG RIFFIN & ASSOCIATES, INC.
(307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

**PLAT OF DRILLING LOCATION
FOR
CRESCENT POINT ENERGY**

**1324' F/SL & 1326' F/WL, SESW, SECTION 36,
T. 3 S., R. 1 E., U.S.B.&M.
UINTAH COUNTY, UTAH**

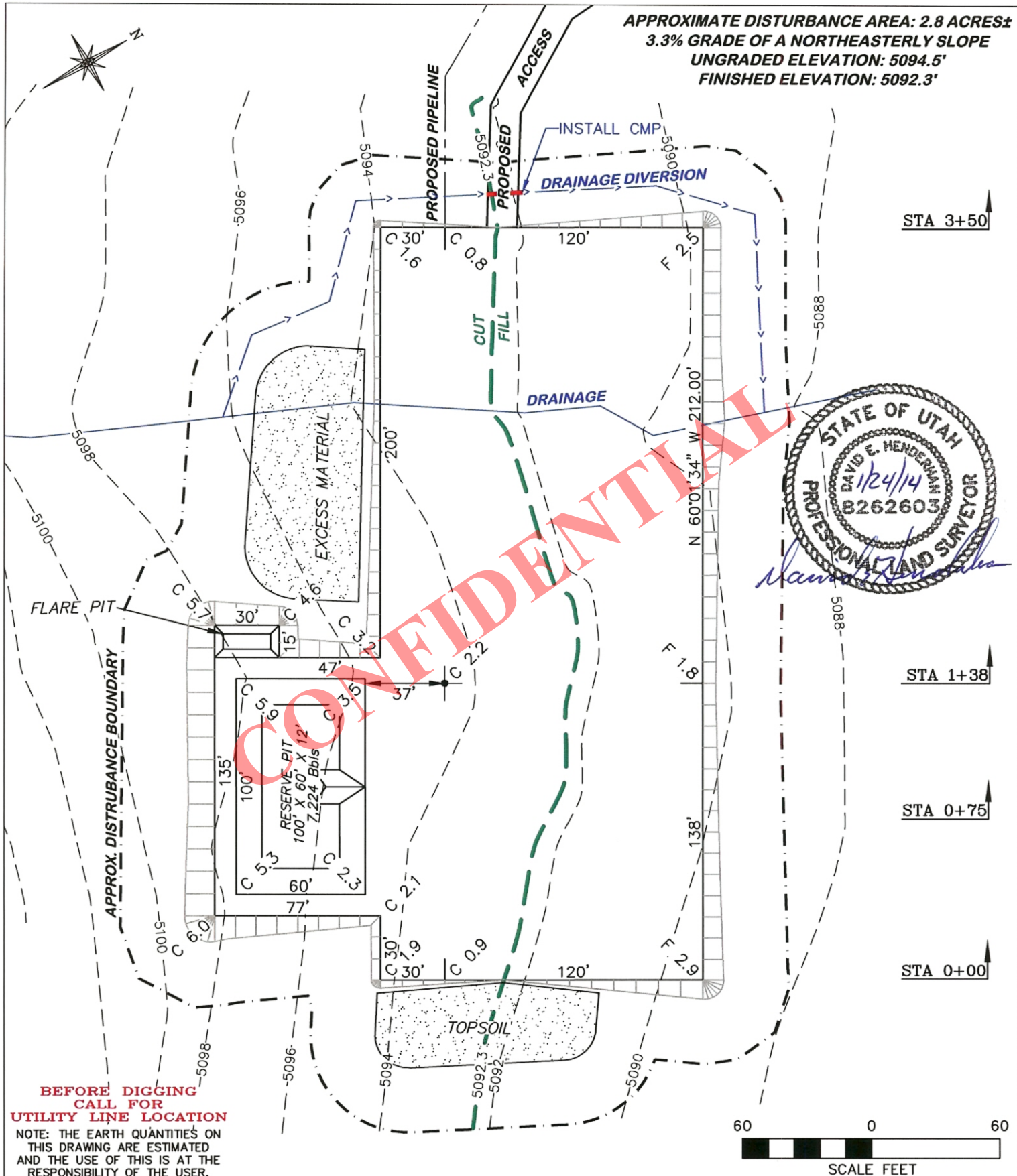
DRAWN: 1/7/14 - TMH

SCALE: 1" = 1000'

REVISED: NA

DRG JOB No. 20225

EXHIBIT 1



(307) 362-5028

RIFFIN & ASSOCIATES, INC.
 1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 1/7/14 - TMH

SCALE: 1" = 60'

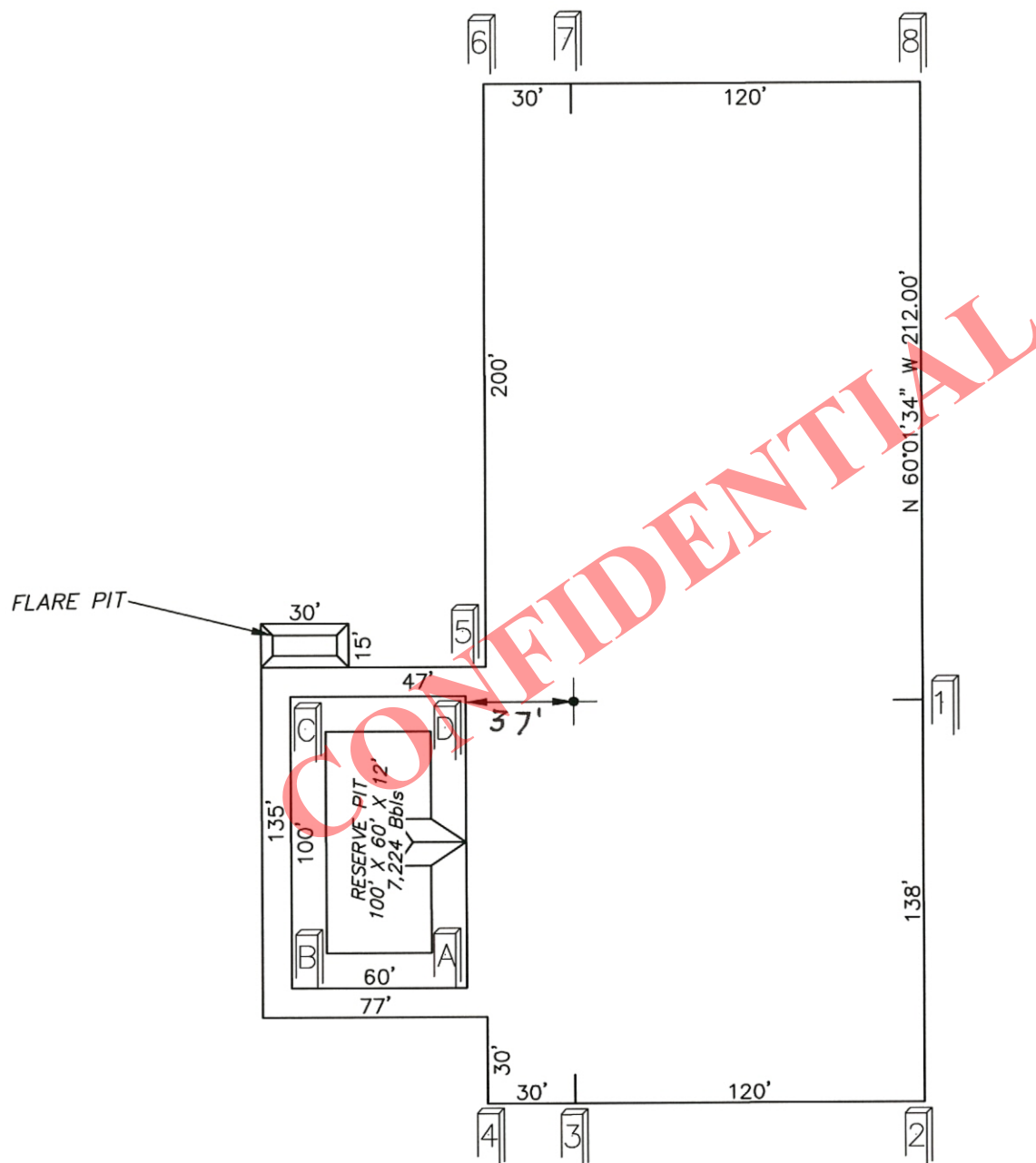
REVISED: NA

DRG JOB No. 20225

FIGURE #1

CRESCENT POINT ENERGY
ULT M-36-3-1E
SECTION 36, T3S, R1E

UNGRADED ELEVATION: 5094.5'
FINISHED ELEVATION: 5092.3'



(307) 362-5028

RIFFIN & ASSOCIATES, INC.

1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 1/7/14 - TMH

SCALE: 1" = 60'

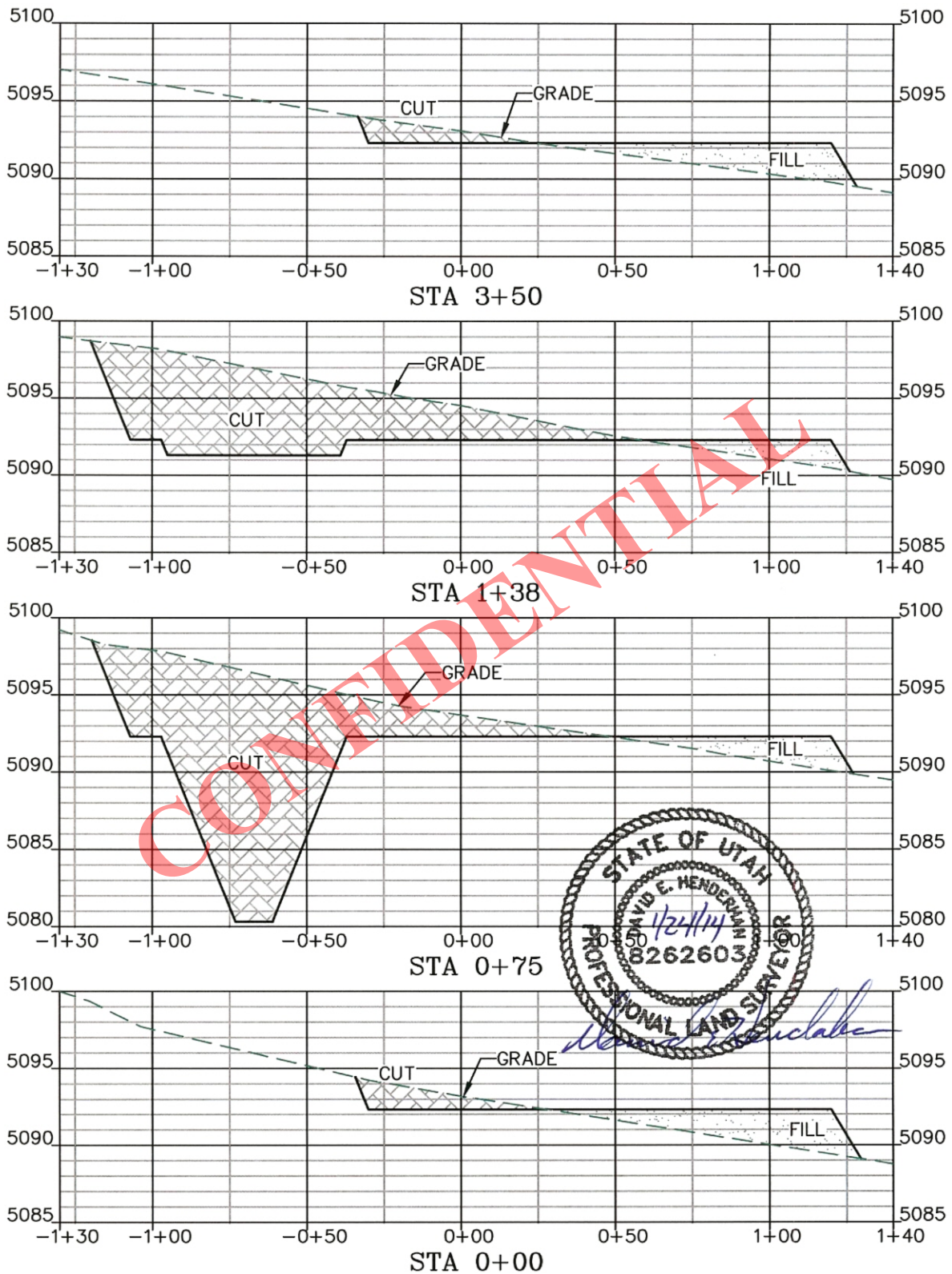
REVISED: NA

DRG JOB No. 20225

FIGURE #1A

CRESCENT POINT ENERGY
ULT M-36-3-1E
SECTION 36, T3S, R1E

UNGRADED ELEVATION: 5094.5'
FINISHED ELEVATION: 5092.3'



(307) 362-5028

RIFFIN & ASSOCIATES, INC.

1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 1/7/14 - TMH

HORZ. 1" = 50' VERT. 1" = 10'

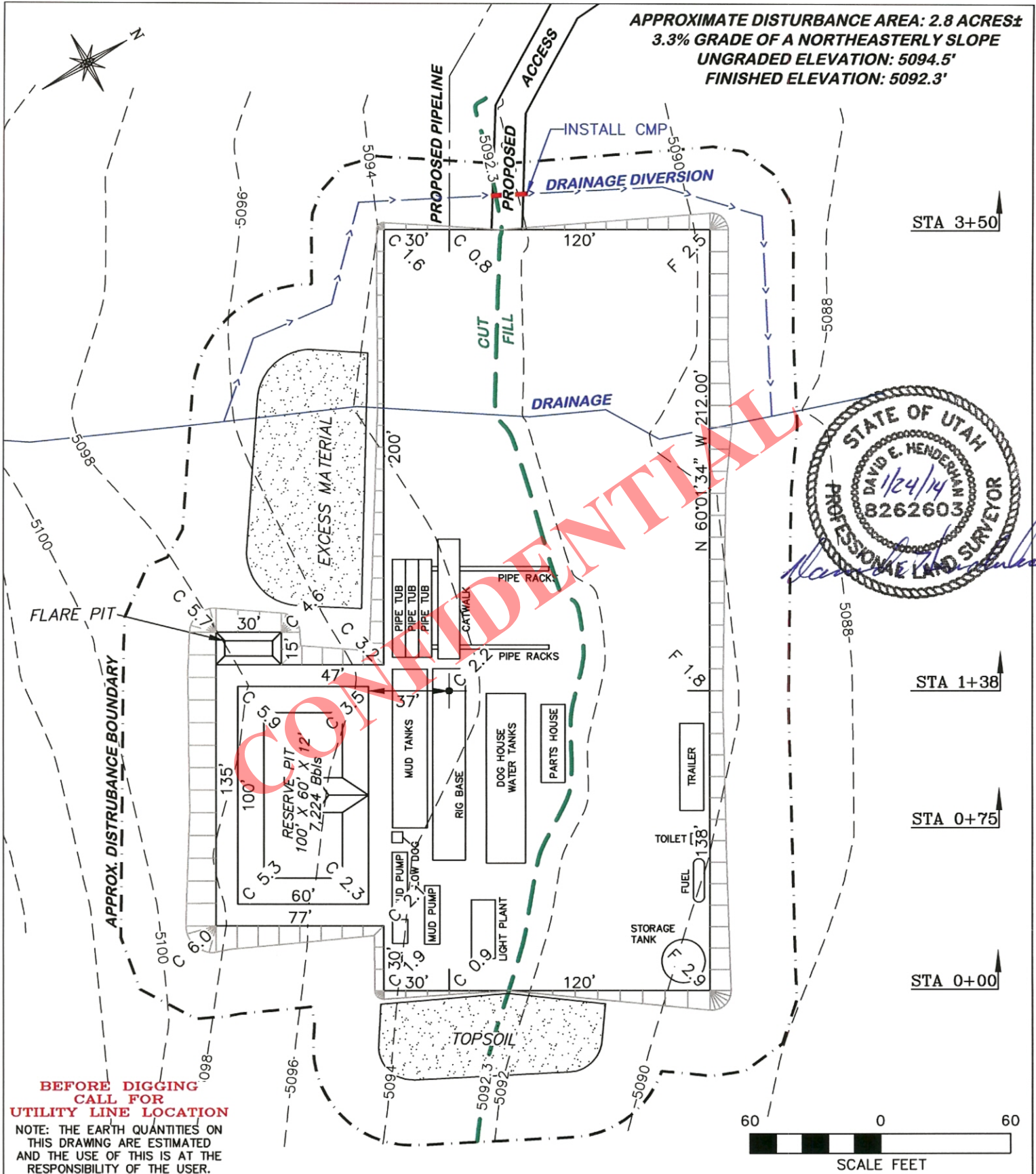
REVISED: NA

DRG JOB No. 20225

FIGURE #2

CRESCENT POINT ENERGY
ULT M-36-3-1E
SECTION 36, T3S, R1E

UNGRADED ELEVATION: 5094.5'
FINISHED ELEVATION: 5092.3'

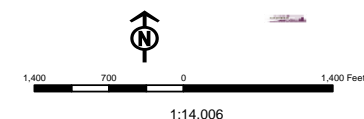
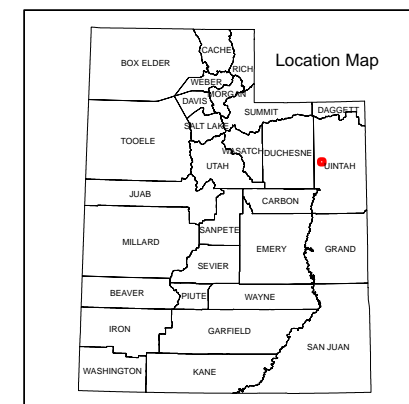
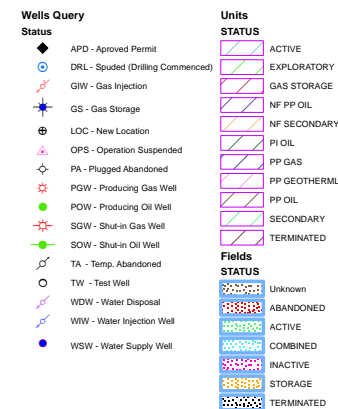


DRG **RIFFIN & ASSOCIATES, INC.**
 1414 ELK ST., ROCK SPRINGS, WY 82901
 (307) 362-5028

CRESCENT POINT ENERGY
ULT M-36-3-1E
SECTION 36, T3S, R1E
ESTIMATED EARTHWORK

		ITEM	CUT	FILL	TOPSOIL	EXCESS
DRAWN: 1/7/14 - TMH	SCALE: 1" = 60'	PAD	2951 CY	1408 CY	1301 CY	242 CY
REVISED: NA	DRG JOB No. 20225	PIT	1941 CY			1941 CY
	FIGURE #3	TOTALS	4892 CY	1408 CY	1301 CY	2183 CY

Map Prepared: 2/6/2014
Map Produced by Diana Mason



Well Name	CRESCENT POINT ENERGY U.S. CORP ULT M-36-3-1E 4304754266000			
String	COND	SURF	PROD	
Casing Size(in)	16.000	8.625	5.500	
Setting Depth (TVD)	40	1000	8524	
Previous Shoe Setting Depth (TVD)	0	40	1000	
Max Mud Weight (ppg)	8.3	8.3	10.0	
BOPE Proposed (psi)	0	500	3000	
Casing Internal Yield (psi)	1000	2950	7740	
Operators Max Anticipated Pressure (psi)	4432		10.0	

Calculations	COND String	16.000	"
Max BHP (psi)	.052*Setting Depth*MW=	17	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	12	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	8	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	8	NO
Required Casing/BOPE Test Pressure=		40	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

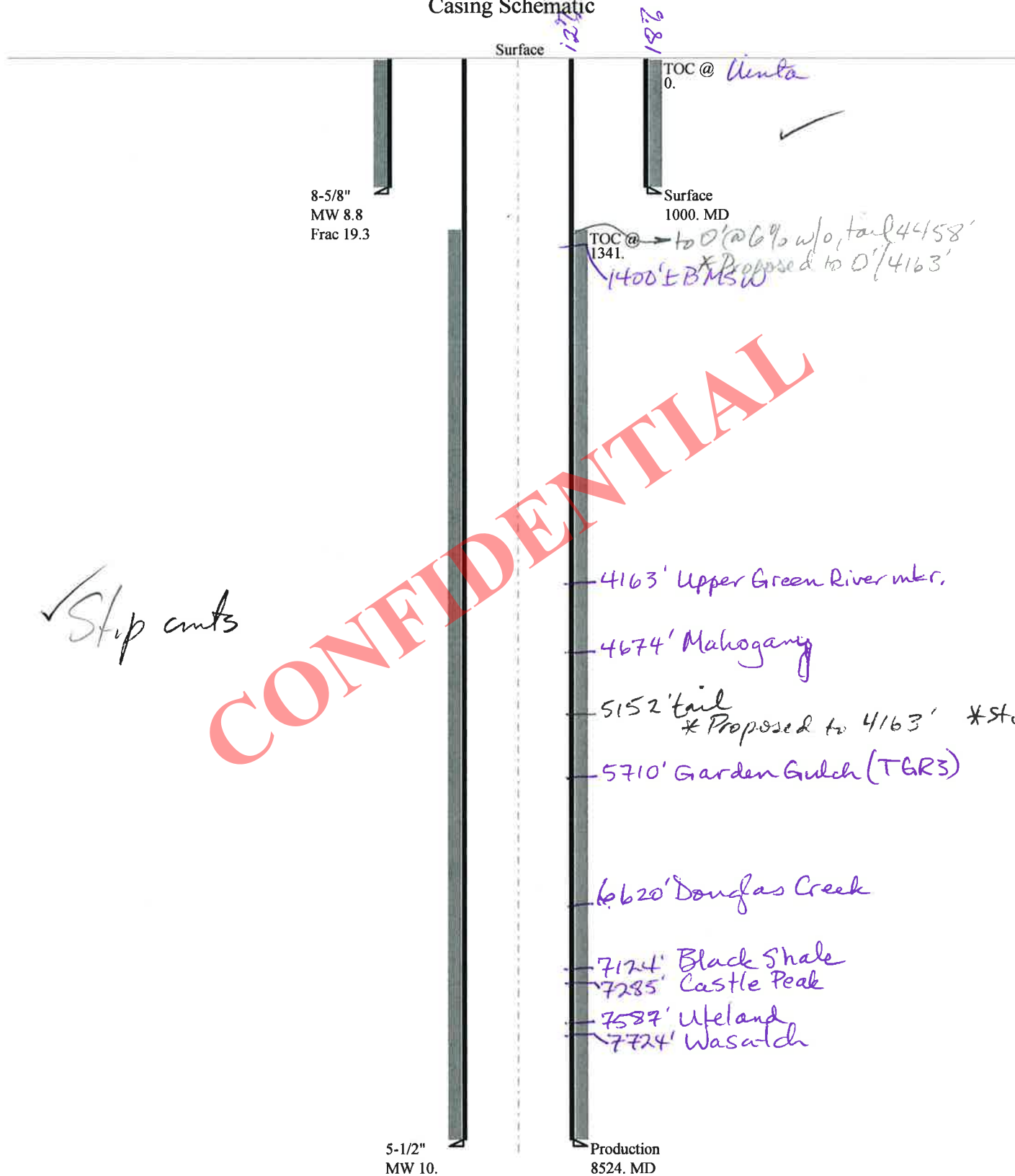
Calculations	SURF String	8.625	"
Max BHP (psi)	.052*Setting Depth*MW=	432	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	312	YES air/mist drill
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	212	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	221	NO OK
Required Casing/BOPE Test Pressure=		1000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		40	psi *Assumes 1psi/ft frac gradient

Calculations	PROD String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	4432	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3409	NO 3M BOPE & annular, rotating head, blind & pipe rams,
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2557	YES drilling spool, kill & choke lines
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	2777	NO OK
Required Casing/BOPE Test Pressure=		3000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		1000	psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

43047542660000 UTM36-3-1E

Casing Schematic



Well name:	43047542660000 ULTM 36-3-1E	
Operator:	CRESCENT POINT ENERGY U.S. CORP	
String type:	Surface	Project ID: 43-047-54266
Location:	UINTAH COUNTY	

Design parameters:**Collapse**

Mud weight: 8.800 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 88 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 880 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 1,000 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 868 ft

Completion type is subs
Non-directional string.

Re subsequent strings:

Next setting depth: 8,524 ft
Next mud weight: 10.000 ppg
Next setting BHP: 4,428 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 1,000 ft
Injection pressure: 1,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1000	8.625	24.00	J-55	ST&C	1000	1000	7.972	5147
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	457	1370	2.997	1000	2950	2.95	20.8	244	11.72 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: May 12, 2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.8 ppg. The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43047542660000 ULTM 36-3-1E	
Operator:	CRESCENT POINT ENERGY U.S. CORP	
String type:	Production	Project ID: 43-047-54266
Location:	UINTAH COUNTY	

Design parameters:**Collapse**

Mud weight: 10.000 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 193 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 1,341 ft

Burst

Max anticipated surface pressure: 2,553 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 4,428 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 7,231 ft

Completion type is subs
Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	8524	5.5	17.00	E-80	LT&C	8524	8524	4.767	281292
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	4428	6290	1.420	4428	7740	1.75	144.9	320	2.21 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: May 12, 2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 8524 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator CRESCENT POINT ENERGY U.S. CORP
Well Name ULT M-36-3-1E
API Number 43047542660000 **APD No** 9374 **Field/Unit** RANDLETT
Location: 1/4,1/4 SESW **Sec** 36 **Tw** 3.0S **Rng** 1.0E 1324 FSL 1326 FWL
GPS Coord (UTM) 599121 4447835 **Surface Owner** Gilbert Maggs

Participants

Jim Burns - starpoint ; Sean Rhodes, Mahe Taufu - Crescent Point; Mark Hecksel- DRGriffin;
 Allan Smith - landowner

Regional/Local Setting & Topography

The general area is on Leland Bench, which is located about 8 miles southeast of Ft. Duchesne, Uintah County, Utah. Broad flats with low growing desert shrub type vegetation characterize Leland Bench. A few rolling hills and slopes leading to higher flats occur. No springs, seeps or flowing streams are known to occur in the area. The Duchesne River is approximately 2 miles to the north. The area has seen extensive development for petroleum extraction. This location is intended as an injection well for enhanced recovery flooding

Surface Use Plan

Current Surface Use
 Wildlife Habitat
 Grazing

New Road Miles	Well Pad Width Length	Src Const Material	Surface Formation
	150 350	Onsite	UNTA

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Vegetation is a fair desert shrub-forb type. Main plants are horse-brush, Gardner salt-brush, broom snakeweed, bud sagebrush, black sagebrush, cheatgrass, curly mesquite grass, prickly pear, globe mallow, squirrel tail and annual forbs.

Because of the lack of water and cover the area is not rich in fauna. Antelope, coyotes, prairie dogs and small mammals and rodents occur. Some shrub dependent birds may occur but were not observed. Historically but not currently sheep grazed the area. Cattle now graze the area

Soil Type and Characteristics

sandy loam

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required? N

Berm Required? Y

Erosion Sedimentation Control Required? N

Paleo Survey Run? N **Paleo Potential Observed?** N **Cultural Survey Run?** N **Cultural Resources?** N

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)

Distance to Surface Water (feet)

Dist. Nearest Municipal Well (ft)

Distance to Other Wells (feet)

Native Soil Type

Fluid Type

Drill Cuttings

Annual Precipitation (inches)

Affected Populations

Presence Nearby Utility Conduits

Final Score

1 Sensitivity Level

Characteristics / Requirements

A 80' x 40' x 8' deep reserve pit is planned in a cut on the southwest corner of the location. A liner with a minimum thickness of 16-mils is required. A sub-liner may not be needed because of the lack of rock in the area. But operator says will install underlayment. Flare pit 15' x 30' x 5'

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** N

Other Observations / Comments

Chris Jensen
Evaluator

2/26/2014
Date / Time

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner CBM
9374	43047542660000	LOCKED	OW	P No
Operator	CRESCENT POINT ENERGY U.S. CORP		Surface Owner-APD	Gilbert Maggs
Well Name	ULT M-36-3-1E		Unit	
Field	RANDLETT		Type of Work	DRILL
Location	SESW 36 3S 1E U 1324 FSL 1326 FWL GPS Coord (UTM) 599120E 4447835N			

Geologic Statement of Basis

Crescent Point proposes to set 1,000' of surface casing at this location. The base of the moderately saline water at this location is estimated to be at a depth of 1,400'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 36. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Cement for the production string should be brought up above the base of the moderately saline groundwater in order to isolate fresher waters uphole.

Brad Hill
APD Evaluator

3/5/2014
Date / Time

Surface Statement of Basis

Location is proposed in a good location although outside the spacing window. Well will be produced for a short time but is intended as an injection well for advanced recovery flood. Access road enters the pad from the south. The landowner or its representative was not in attendance for the pre-site inspection but drove by a day previous.

The soil type and topography at present do combine to pose a significant threat to erosion or sediment/ pollution transport in these regional climate conditions.

Usual construction standards of the Operator appear to be adequate for the proposed purpose as submitted. Reserve pit is in an area of cut.

I recognize no special flora or animal species or cultural resources on site that the proposed action may harm. The location was not previously surveyed for cultural and paleontological resources (as the operator saw fit). I have advised the operator take all measures necessary to comply with ESA and MBTA and that actions insure no disturbance to species that may have not been seen during onsite visit.

The location should be bermed to prevent fluids from entering or leaving the confines of the pad. Fencing around the reserve pit will be necessary to prevent wildlife and livestock from entering. A synthetic liner of 16 mils (minimum) should be utilized in the reserve pit. Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues.

Chris Jensen
Onsite Evaluator

2/26/2014
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
----------	-----------

Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from entering or leaving the pad.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues.

CONFIDENTIAL

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 2/4/2014

API NO. ASSIGNED: 43047542660000

WELL NAME: ULT M-36-3-1E

OPERATOR: CRESCENT POINT ENERGY U.S. CORP (N3935)

PHONE NUMBER: 303 382-6787

CONTACT: Lauren MacMillan

PROPOSED LOCATION: SESW 36 030S 010E

Permit Tech Review: ☒

SURFACE: 1324 FSL 1326 FWL

Engineering Review: ☒

BOTTOM: 1324 FSL 1326 FWL

Geology Review: ☒

COUNTY: UINTAH

LATITUDE: 40.17504

LONGITUDE: -109.83583

UTM SURF EASTINGS: 599120.00

NORTHINGS: 4447835.00

FIELD NAME: RANDLETT

LEASE TYPE: 4 - Fee

LEASE NUMBER: fee

PROPOSED PRODUCING FORMATION(S): WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

☒ PLAT☒ Bond: STATE - LPM9080271☐ Potash☐ Oil Shale 190-5☐ Oil Shale 190-3☐ Oil Shale 190-13☒ Water Permit: 437478☐ RDCC Review:☒ Fee Surface Agreement☐ Intent to Commingle

Commingling Approved

LOCATION AND SITING:

☐ R649-2-3.

Unit:

☐ R649-3-2. General☐ R649-3-3. Exception☒ Drilling Unit

Board Cause No: Cause 131-137

Effective Date: 4/8/2014

Siting: Suspends General Siting

☐ R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhill
12 - Cement Volume (3) - ddoucet
25 - Surface Casing - hmadonald

RECEIVED: June 26, 2014



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: ULT M-36-3-1E

API Well Number: 43047542660000

Lease Number: fee

Surface Owner: FEE (PRIVATE)

Approval Date: 6/26/2014

Issued to:

CRESCENT POINT ENERGY U.S. CORP, 555 17th Street, Suite 750, Denver, CO 80202

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 131-137. The expected producing formation or pool is the WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Cement volume for the 5 1/2" production string shall be determined from actual hole diameter in order to place lead cement from the pipe setting depth back to surface and tail cement back to 4163' MD minimum as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet

- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
at <http://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
- contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

Approved By:

A handwritten signature in black ink, appearing to read "J. Rogers", written over a horizontal line.

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: fee
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: CRESCENT POINT ENERGY U.S. CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 555 17th Street, Suite 750 , Denver, CO, 80202		8. WELL NAME and NUMBER: ULT M-36-3-1E
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1324 FSL 1326 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 36 Township: 03.0S Range: 01.0E Meridian: U		9. API NUMBER: 43047542660000
PHONE NUMBER: 720 880-3621 Ext		9. FIELD and POOL or WILDCAT: RANDLETT
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 9/23/2014	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE WELL TYPE	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Crescent Point Energy US Corp spud the ULT M-36-3-1E with Pete Martin Drilling Rig 17 on September 23, 2014 at 9:30 AM.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 24, 2014		
NAME (PLEASE PRINT) Emily Kate DeGrasse	PHONE NUMBER 720 880-3644	TITLE Regulatory & Government Affairs Analyst
SIGNATURE N/A	DATE 9/24/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: ULT M-36-3-1E	
2. NAME OF OPERATOR: CRESCENT POINT ENERGY U.S. CORP	9. API NUMBER: 43047542660000	
3. ADDRESS OF OPERATOR: 555 17th Street, Suite 750 , Denver, CO, 80202	PHONE NUMBER: 720 880-3621 Ext	9. FIELD and POOL or WILDCAT: RANDLETT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1324 FSL 1326 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 36 Township: 03.0S Range: 01.0E Meridian: U	COUNTY: UINTAH	
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/13/2014	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see attached drill report for M-36-3-1E, encompassing all drilling operations to date.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 October 17, 2014

NAME (PLEASE PRINT) Lauren MacMillan	PHONE NUMBER 303 382-6787	TITLE Regulatory Specialist
SIGNATURE N/A	DATE 10/13/2014	



Daily Drilling Report

Report for: 9/23/2014

Report #: 1.0, DFS: -3.92

Depth Progress:

Well Name: ULT M-36-3-1E

UWI/API 43-047-54266	Surface Legal Location 36-3-1	License # FEE
Spud Date 9/23/2014 09:30	Date TD Reached (wellbore) 10/3/2014 04:30	Rig Release Date 10/4/2014 11:00
	Ground Elevation (ft) 5,094.00	Orig KB Elev (ft) 5,106.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
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Operation At 6am
W.O.Air Rig

24 Hr Summary
MIRU Pete Martin Rig #17, spud well @ 9:30 AM 9/23/2014 drill 52' KB 24" conductor hole, run & cement 40' GL 16" conductor pipe, Cmt.to Surf.with ReadyMix

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com

Mud Checks

<depth>ftKB, <dtm>

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)		

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)			

String Components

Comment

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number 1704814US	Start Depth (ftKB) 0.0	End Depth (ftKB) 0.0
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Target Formation
WASATCH

Target Depth (ftKB)
8,524.0

Last Casing String

Conductor, 52.0ftKB

Daily Contacts

Job Contact	Mobile

Rigs

Capstar, 316

Contractor
Capstar

Rig Number
316

Rig Supervisor

Jacob Staton

Phone Mobile

307-315-5422

1, Gardner-Denver, PZ-9

Pump #
1

Pwr (hp)
750.0

Rod Dia (in)

Liner Size (in)

Stroke (in)

Vol/Stk OR (b...)

P (psi)

Slow Spd

Strokes (s...)

Eff (%)

2, Gardner-Denver, PZ-9

Pump #
2

Pwr (hp)
750.0

Rod Dia (in)

Liner Size (in)

Stroke (in)

Vol/Stk OR (b...)

P (psi)

Slow Spd

Strokes (s...)

Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Report for: 9/25/2014
Report #: 2.0, DFS: -1.92
Depth Progress:

UWI/API 43-047-54266		Surface Legal Location 36-3-1		License # FEE	
Spud Date 9/23/2014 09:30		Date TD Reached (wellbore) 10/3/2014 04:30		Rig Release Date 10/4/2014 11:00	
				Ground Elevation (ft) 5,094.00	
				Orig KB Elev (ft) 5,106.00	
Completion Type					
Weather		Temperature (°F)		Road Condition	
				Hole Condition	
Operation At 6am W.O.Drlg.Rig		Operation Next 24hrs			
24 Hr Summary					
MIRU Pro Petro Rig #12,Drill 1062' KB 12 1/4" Surface hole,R/U & run 1023' KB 8 5/8" 24# surface CSG,Cement W/675 sks 15.8 ppg 1.15 cuft/sk yield cement,15 bbls good cement T/Surf,cement stayed @ Surf.					

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com

<depth>ftKB, <dtm>

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)		

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
Nozzles (1/32")		String Length (ft)		Max Nominal OD (in)	

String Components

Comment

[illegible][illegible]

AFE Number 1704814US	
Start Depth (ftKB) 0.0	End Depth (ftKB) 0.0
Target Formation WASATCH	Target Depth (ftKB) 8,524.0

Job Contact	Mobile

Capstar, 316

Contractor Capstar	Rig Number 316
Rig Supervisor Jacob Staton	Phone Mobile 307-315-5422

Pump #	Pwr (hp)	Rod Dia (in)
--------	----------	--------------

1	750.0		
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...	
P (psi)	Slow Spd	Strokes (s...	Eff (%)

Pump #	Pwr (hp)	Rod Dia (in)
--------	----------	--------------

2	750.0		
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...	
P (psi)	Slow Spd	Strokes (s...	Eff (%)

	Field Est	Consume
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Des	(Cost/unit)	d

Time	Type	Des
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Wellbore Name	KO MD (ftKB)
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Original Hole	
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Daily Drilling Report

Report for: 9/27/2014
Report #: 3.0, DFS: 0.08
Depth Progress: 238.00

Well Name: ULT M-36-3-1E

UWI/API 43-047-54266	Surface Legal Location 36-3-1	License # FEE
Spud Date 9/23/2014 09:30	Date TD Reached (wellbore) 10/3/2014 04:30	Rig Release Date 10/4/2014 11:00
	Ground Elevation (ft) 5,094.00	Orig KB Elev (ft) 5,106.00

Completion Type			
Weather RAINING	Temperature (°F) 65.0	Road Condition MUDDY	Hole Condition Good
Operation At 6am DRILLING @ 1300' 119 FPH		Operation Next 24hrs DRILL 7 7/8 PROD. HOLE	
24 Hr Summary MOVE IN CAPSTAR 316 RIG UP NIPPLE UP & TEST BOPS PICK UP PIPE DRILL PLUG FLOAT & SHOE / FORMATION F/ 1062 TO 1300'			

Time Log					
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity
09:00	12:00	3.00	3.00	1	RIGUP & TEARDOWN
12:00	16:00	4.00	7.00	14	NIPPLE UP B.O.P
16:00	21:30	5.50	12.50	15	TEST B.O.P
21:30	23:30	2.00	14.50	6	TRIPS
23:30	01:00	1.50	16.00	9	CUT OFF DRILL LINE
01:00	04:00	3.00	19.00	21	OPEN
04:00	06:00	2.00	21.00	2	DRILL ACTUAL

Mud Checks						
<depth>ftKB, 9/28/2014 02:00						
Type WATER	Time 02:00	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)		

Drill Strings					
BHA #1, Packed Hole					
Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
1	7 7/8in, MM65M, 12465497	1.00	-----	1.18	124.3
Nozzles (1/32")		String Length (ft)	Max Nominal OD (in)		
16/16/16/16/16/16		532.87	7.625		
String Components					
SEC MM65M, HWDP, Drill Collar, Stabilizer, Drill Collar, Stabilizer, Mud Motor					
Comment					
NEWSCO MOTOR W/ DOG SUB STB .16 RPG SS# 65050 / IBS / 6 1/2 DC / IBS 5 6 1/2 DCS / 10 HWDP					

Drilling Parameters												
Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	1,062.0	1,300.0	238.00	2.00	119.0	390	12	55	680.0	46	47	6,650.0

AFE Number 1704814US	
Start Depth (ftKB) 1,062.0	End Depth (ftKB) 1,300.0
Target Formation WASATCH	Target Depth (ftKB) 8,524.0

Daily Contacts	
Job Contact	Mobile
Doug Hackford	970-640-3882
Scott Seely	435-828-1101

Rigs	
Capstar, 316	
Contractor Capstar	Rig Number 316
Rig Supervisor Jacob Staton	Phone Mobile 307-315-5422

1, Gardner-Denver, PZ-9			
Pump # 1	Pwr (hp) 750.0	Rod Dia (in)	
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...)	0.079
P (psi)	Slow Spd	Strokes (s...)	Eff (%)

2, Gardner-Denver, PZ-9			
Pump # 2	Pwr (hp) 750.0	Rod Dia (in)	
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...)	0.079
P (psi)	Slow Spd	Strokes (s...)	Eff (%)

Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consumed
Engineering	450.00	1.0
Rental	50.00	1.0

Safety Checks		
Time	Type	Des
Wellbores		
Wellbore Name	KO MD (ftKB)	
Original Hole		



Daily Drilling Report

Report for: 9/28/2014
Report #: 4.0, DFS: 1.08
Depth Progress: 2,355.00

Well Name: ULT M-36-3-1E

UWI/API 43-047-54266		Surface Legal Location 36-3-1		License # FEE	
Spud Date 9/23/2014 09:30		Date TD Reached (wellbore) 10/3/2014 04:30		Rig Release Date 10/4/2014 11:00	
		Ground Elevation (ft) 5,094.00		Orig KB Elev (ft) 5,106.00	
Completion Type					
Weather MORNING RAIN / CLEAR AFTER NOON		Temperature (°F) 75.0		Road Condition MUDDY	
				Hole Condition Good	
Operation At 6am DRILLING @ 3655' 99 FPH (WIRE LINE SURVEY)			Operation Next 24hrs DRILL 7 7/8 PROD. HOLE		
24 Hr Summary DRILL F/ 1300 TO 3013 & SURVEYING EVERY 500' WIRE LINE BROKE TRIP OUT F/ SURVEY TOOL RUN BACK IN HOLE DRILL F/ 3013 TO 3655' BGG42-65 UNITS CONNS 38-43 PEAK GAS 308 UNITS @ 3286 DRILLING 50% SH 30% CLYST & 20 % SS					

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	09:00	3.00	3.00	2	DRILL ACTUAL	DRILLING F/ 1300' TO 2029 (243 FPH) 12K ON BIT 390 GAL 120 TOTAL RPMS NO LOSSES
09:00	09:30	0.50	3.50	10	DEVIATION SURVEY	SURVEY @ 1954.83 DEG
09:30	13:00	3.50	7.00	2	DRILL ACTUAL	DRILLING F/ 2029 TO 2500 (157 FPH) 12K ON BIT 390 GAL 120 TOTAL RPMS NO LOSSES
13:00	13:30	0.50	7.50	10	DEVIATION SURVEY	SURVEY @ 2425 .76 DEG
13:30	16:30	3.00	10.50	2	DRILL ACTUAL	DRILLING F/ 2500 TO 3013 (171 FPH) 12K ON BIT 390 GAL 120 TOTAL RPMS NO LOSSES
16:30	17:00	0.50	11.00	7	LUBRICATE RIG	RIG SERVICE
17:00	17:30	0.50	11.50	10	DEVIATION SURVEY	RUN WIRE LINE SURVEY WIRE LINE BROKE DROPPED TOOL TO BOTTOM
17:30	23:00	5.50	17.00	6	TRIPS	POOH F/ SURVEY TOOL RETRIEVE TOOL TRIP IN HOLE
23:00	05:30	6.50	23.50	2	DRILL ACTUAL	DRILLING F/ 3013 3655 (99 FPH) 12K ON BIT 390 GAL 120 TOTAL RPMS NO LOSSES
05:30	06:00	0.50	24.00	10	DEVIATION SURVEY	RUN WIRE LINE SURVEY

Mud Checks

2,290.0ftKB, 9/28/2014 13:00

Type WATER	Time 13:00	Depth (ftKB) 2,290.0	Density (lb/gal) 8.40	Funnel Viscosity (s/qt) 28	PV Override (cP)	YP OR (lb/100ft²)
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
				9.0	0.0	1.0
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)		

Drill Strings

BHA #1, Packed Hole

Bit Run 1	Drill Bit 7 7/8in, MM65M, 12465497	Length (ft) 1.00	IADC Bit Dull -----	TFA (incl Noz) (in²) 1.18	BHA ROP... 124.3
Nozzles (1/32") 16/16/16/16/16	String Length (ft) 532.87	Max Nominal OD (in) 7.625			
String Components SEC MM65M, HWDP, Drill Collar, Stabilizer, Drill Collar, Stabilizer, Mud Motor					
Comment NEWSCO MOTOR W/ DOG SUB STB .16 RPG SS# 65050 / IBS / 6 1/2 DC / IBS 5 6 1/2 DCS / 10 HWDP					

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	1,300.0	3,655.0	2,593.00	18.00	147.2	390	12	55	900.0	86	88	9,400.0

AFE Number 1704814US	
Start Depth (ftKB) 1,300.0	End Depth (ftKB) 3,655.0
Target Formation WASATCH	Target Depth (ftKB) 8,524.0
Last Casing String Surface, 1,023.0ftKB	

Daily Contacts

Job Contact	Mobile
Doug Hackford	970-640-3882
Scott Seely	435-828-1101

Rigs

Capstar, 316

Contractor Capstar	Rig Number 316
Rig Supervisor Jacob Staton	Phone Mobile 307-315-5422

1, Gardner-Denver, PZ-9

Pump # 1	Pwr (hp) 750.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079
P (psi)	Slow Spd	Strokes (s...) Eff (%)

2, Gardner-Denver, PZ-9

Pump # 2	Pwr (hp) 750.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079
P (psi)	Slow Spd	Strokes (s...) Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
DAP	35.00	8.0
Engineering	450.00	1.0
Liqui Drill	135.00	1.0
Rental	50.00	1.0
Tax	1.00	29.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 9/29/2014
Report #: 5.0, DFS: 2.08
Depth Progress: 1,197.00

Well Name: ULT M-36-3-1E

UWI/API 43-047-54266		Surface Legal Location 36-3-1		License # FEE	
Spud Date 9/23/2014 09:30	Date TD Reached (wellbore) 10/3/2014 04:30	Rig Release Date 10/4/2014 11:00	Ground Elevation (ft) 5,094.00	Orig KB Elev (ft) 5,106.00	
Completion Type					
Weather RAINING OFF & ON		Temperature (°F) 69.0	Road Condition MUDDY	Hole Condition Good	
Operation At 6am PICKING UP DIR. TOOLS			Operation Next 24hrs RUN IN HOLE W/ DIR. TOOLS DRILL PROD. HOLE & SLOW DOWN BUILD RATE		
24 Hr Summary DRILLING F/ 3655 TO 4852 BGG 617-1372 UNITS CONNS 535-1175 PEAK GAS 1759 UNITS @ 4574' HOLE WALKING FAST POOH PREPAIR AND PICK UP DIR. TOOLS					

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	10:00	4.00	4.00	2	DRILL ACTUAL	DRILLING F/ 3655 TO 4168 (128 FPH) 12K ON BIT 390 GAL 120 TOTAL RPMS NO LOSSES
10:00	10:30	0.50	4.50	10	DEVIATION SURVEY	WIRE LINE SURVEY @ 4093 2.8 DEG
10:30	16:00	5.50	10.00	2	DRILL ACTUAL	DRILLING F/ 4168 TO 4681 (93FPH) 12K ON BIT 390 GAL 120 TOTAL RPMS LOST 32 BBLs TO SEEPAGE
16:00	16:30	0.50	10.50	7	LUBRICATE RIG	SERVICE RIG
16:30	17:00	0.50	11.00	10	DEVIATION SURVEY	WIRE LINE SURVEY @ 4606' 4.16 DEG
17:00	20:00	3.00	14.00	2	DRILL ACTUAL	DRILLING F/ 4681 TO 4852 (57 FPH) 6-8 K ON BIT 390 GAL 120 TOTAL RPMS LOST 40 BBLs TO SEEPAGE
20:00	20:30	0.50	14.50	10	DEVIATION SURVEY	WIRE LINE SURVEY @ 4772' 4.34 DEG
20:30	21:30	1.00	15.50	5	COND MUD & CIRC	SPOT 150 BBL 10# BRINE
21:30	00:30	3.00	18.50	6	TRIPS	POOH F/ DIR. TOOLS LAY DOWN IBS STBS
00:30	06:00	5.50	24.00	20	DIRECTIONAL WORK	MAKE UP BIT / MOTOR / PREPAIR MWD

Mud Checks

4,030.0ftKB, 9/29/2014 08:00

Type Water Base	Time 08:00	Depth (ftKB) 4,030.0	Density (lb/gal) 8.40	Funnel Viscosity (s/qt) 28	PV Override (cP) 0.1	YP OR (lb/100ft²) 0.1
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH 8.5	Sand (%)	Solids (%)
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L) 1,300.000	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)		

Drill Strings

BHA #1, Packed Hole

Bit Run 1	Drill Bit 7 7/8in, MM65M, 12465497	Length (ft) 1.00	IADC Bit Dull -----	TFA (incl Noz) (in²) 1.18	BHA ROP... 124.3
Nozzles (1/32") 16/16/16/16/16	String Length (ft) 532.87	Max Nominal OD (in) 7.625			
String Components SEC MM65M, HWDP, Drill Collar, Stabilizer, Drill Collar, Stabilizer, Mud Motor					
Comment NEWSCO MOTOR W/ DOG SUB STB .16 RPG SS# 65050 / IBS / 6 1/2 DC / IBS 5 6 1/2 DCS / 10 HWDP					

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	3,655.0	4,852.0	3,790.00	30.50	95.8	390	0	55	1,125.0	120	122	10,900.0

AFE Number 1704814US	
Start Depth (ftKB) 3,655.0	End Depth (ftKB) 4,852.0
Target Formation WASATCH	Target Depth (ftKB) 8,524.0
Last Casing String Surface, 1,023.0ftKB	
Daily Contacts	
Job Contact	Mobile
Doug Hackford	970-640-3882
Scott Seely	435-828-1101

Rigs

Capstar, 316

Contractor Capstar	Rig Number 316
Rig Supervisor Jacob Staton	Phone Mobile 307-315-5422

1, Gardner-Denver, PZ-9

Pump # 1	Pwr (hp) 750.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079
P (psi)	Slow Spd	Strokes (s...) Eff (%)

2, Gardner-Denver, PZ-9

Pump # 2	Pwr (hp) 750.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079
P (psi)	Slow Spd	Strokes (s...) Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
DAP	35.00	32.0
Engineering	450.00	1.0
Liqui Drill	135.00	3.0
Pallet	20.00	1.0
Rental	50.00	1.0
Shrink Wrap	20.00	1.0
Tax	1.00	110.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 9/30/2014
Report #: 6.0, DFS: 3.08
Depth Progress: 1,123.00

Well Name: ULT M-36-3-1E

UWI/API 43-047-54266		Surface Legal Location 36-3-1		License # FEE	
Spud Date 9/23/2014 09:30	Date TD Reached (wellbore) 10/3/2014 04:30	Rig Release Date 10/4/2014 11:00	Ground Elevation (ft) 5,094.00	Orig KB Elev (ft) 5,106.00	
Completion Type					
Weather COOL		Temperature (°F) 70.0	Road Condition MUDDY	Hole Condition Good	
Operation At 6am DRILLING @ 5975 55 FPH			Operation Next 24hrs COND. DRILLING 7 7/8 PROD HOLE		
24 Hr Summary TRIP IN HOLE W/ DIR. TOOLS & SURVEY EVER 1000' DRILLING & SLIDING F/ 4852 TO 5975 BGG 216-325 UNITS CONNS 1112-1223 PEAK GAS 2075 UNITS @ 6308 TOPPED MAHOGANY BENCH @ 4695' TGR3 @ 5706' DRILLING 40% CLTST 40% SS 20% SH					

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	10:00	4.00	4.00	6	TRIPS	TRIP IN HOLE W/ DIR. TOOLS SURVEY EVERY 1000'
10:00	16:30	6.50	10.50	2	DRILL ACTUAL	DRILLING F/ 4852 TO 5211 (55 FPH) 13 K ON BIT 390 GAL 120 TOTAL RPMS LOST 65 BBLS TO SEEPAGE
16:30	17:00	0.50	11.00	7	LUBRICATE RIG	RIG SERVICE
17:00	06:00	13.00	24.00	2	DRILL ACTUAL	DRILLING F/ 5211 TO 5975 (59 FPH) 13 K ON BIT 390 GAL 120 TOTAL RPMS LOST 105 BBLS TO SEEPAGE

Mud Checks

4,868.0ftKB, 9/30/2014 10:00

Type Water Base	Time 10:00	Depth (ftKB) 4,868.0	Density (lb/gal) 9.10	Funnel Viscosity (s/qt) 31	PV Override (cP) 3.0	YP OR (lb/100ft²) 3.000
Gel 10 sec (lb/100ft²) 3.000	Gel 10 min (lb/100ft²) 5.000	Filtrate (mL/30min)	Filter Cake (1/32")	pH 8.5	Sand (%) 0.1	Solids (%) 5.8
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L) 55,000.000	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)		

Drill Strings

BHA #2, Steerable

Bit Run 1	Drill Bit 7 7/8in, MM65M, 12465497	Length (ft) 1.00	IADC Bit Dull 1-3-CT-S-X-0-WT-TD	TFA (incl Noz) (in²) 1.18	BHA ROP... 56.7
Nozzles (1/32") 16/16/16/16/16/16	String Length (ft) 521.87	Max Nominal OD (in) 6.500			

String Components

SEC MM65M, HWDP, Drill Collar, NMDC, UBHO, Mud Motor - Bent Housing

Comment

Security MM65M (Newsco MM,6.5" 7/8, 5.0 Stg. .28 Rev. 1.50° Fixed)(6.375"x2.5"UBHO) (1-6.375"x2.375"NMDC)(5-6.125"x 2.375" DC)(10-4.5" HWDP)

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	4,852.0	5,975.0	1,123.00	19.50	57.6	390	16	58	1,250.0	120	122	10,500.0

AFE Number 1704814US	
Start Depth (ftKB) 4,852.0	End Depth (ftKB) 5,975.0
Target Formation WASATCH	Target Depth (ftKB) 8,524.0
Last Casing String Surface, 1,023.0ftKB	

Daily Contacts

Job Contact	Mobile
Doug Hackford	970-640-3882
Scott Seely	435-828-1101

Rigs

Capstar, 316

Contractor Capstar	Rig Number 316
Rig Supervisor Jacob Staton	Phone Mobile 307-315-5422

1, Gardner-Denver, PZ-9

Pump # 1	Pwr (hp) 750.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079
P (psi)	Slow Spd	Strokes (s...) Eff (%)

2, Gardner-Denver, PZ-9

Pump # 2	Pwr (hp) 750.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079
P (psi)	Slow Spd	Strokes (s...) Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Aluminum Stear.	130.00	1.0
Barite	10.65	16.0
Brine	7.50	150.0
DAP	35.00	27.0
Engineering	450.00	1.0
Gel	7.50	104.0
Hole Seal	21.00	15.0
Pallet	20.00	8.0
Rental	50.00	1.0
Sawdust	4.50	30.0
Sea Mud	15.50	222.0
Shrink Wrap	20.00	8.0
Tax	1.00	425.0
Trucking	1.00	1,200.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 10/1/2014
Report #: 7.0, DFS: 4.08
Depth Progress: 1,425.00

Well Name: ULT M-36-3-1E

UWI/API 43-047-54266		Surface Legal Location 36-3-1		License # FEE	
Spud Date 9/23/2014 09:30		Date TD Reached (wellbore) 10/3/2014 04:30		Rig Release Date 10/4/2014 11:00	
		Ground Elevation (ft) 5,094.00		Orig KB Elev (ft) 5,106.00	
Completion Type					
Weather Cloudy		Temperature (°F) 60.0		Road Condition MUDDY	
				Hole Condition Good	
Operation At 6am Drilling @ 7400'				Operation Next 24hrs Drilling w/ Mwd Surveys	
24 Hr Summary Drilling f/ 5975' to 7400' (1425' @ 60.6 fph) 16k wob, 394 gpm (120 bbl seepage loss) Lithology 50%CLYST, 40% SH, 10%SS, BKG 550-1233 u, Conn 713-1040 u, Peak 1767 u @ 6720'					
Time Log					
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity
06:00	16:30	10.50	10.50	2	DRILL ACTUAL
Drilling f/ 5975' to 6721' (746' @ 71 fph) 16k wob, 394 gpm (120 bbl seepage loss)					
16:30	17:00	0.50	11.00	7	LUBRICATE RIG
Rig Service					
17:00	06:00	13.00	24.00	2	DRILL ACTUAL
Drilling f/ 6721' to 7400' (679' @ 52.2 fph) 16k wob, 394 gpm, no losses					
Mud Checks					
6,388.0ftKB, 10/1/2014 12:00					
Type DAP	Time 12:00	Depth (ftKB) 6,388.0	Density (lb/gal) 9.40	Funnel Viscosity (s/qt) 31	PV Override (cP) 4.0
YP OR (lb/100ft²) 3.000	Gel 10 min (lb/100ft²) 5.000	Filtrate (mL/30min) 30,000.000	Filter Cake (1/32") 0.1	pH 8.5	Sand (%) 0.3
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Gel 30 min (lb/100ft²) 8.1
Whole Mud Added (bbl)		Mud Lost to Hole (bbl) 120.0	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
Drill Strings					
BHA #2, Steerable					
Bit Run 1	Drill Bit 7 7/8in, MM65M, 12465497	Length (ft) 1.00	IADC Bit Dull 1-3-CT-S-X-0-WT-TD	TFA (incl Noz) (in²) 1.18	BHA ROP... 56.7
Nozzles (1/32") 16/16/16/16/16/16		String Length (ft) 521.87		Max Nominal OD (in) 6.500	
String Components SEC MM65M, HWDP, Drill Collar, NMDC, UBHO, Mud Motor - Bent Housing					
Comment Security MM65M (Newsco MM.6.5" 7/8, 5.0 Stg. .28 Rev. 1.50° Fixed)(6.375"x2.5"UBHO) (1-6.375"x2.375"NMDC)(5-6.125"x 2.375" DC)(10-4.5" HWDP)					
Drilling Parameters					
Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)
Original Hole	5,975.0	7,400.0	2,548.0 0	43.00	60.6
					394
					16
					60
					1,500.0
					126
					155
					11,20 0.0

AFE Number 1704814US		
Start Depth (ftKB) 5,975.0	End Depth (ftKB) 7,400.0	
Target Formation WASATCH	Target Depth (ftKB) 8,524.0	
Last Casing String Surface, 1,023.0ftKB		
Daily Contacts		
Job Contact	Mobile	
Doug Hackford	970-640-3882	
Scott Seely	435-828-1101	
Rigs		
Capstar, 316		
Contractor Capstar	Rig Number 316	
Rig Supervisor Jacob Staton	Phone Mobile 307-315-5422	
1, Gardner-Denver, PZ-9		
Pump # 1	Pwr (hp) 750.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079
P (psi)	Slow Spd	Strokes (s...) Eff (%)
2, Gardner-Denver, PZ-9		
Pump # 2	Pwr (hp) 750.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079
P (psi)	Slow Spd	Strokes (s...) Eff (%)
Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consumed
DAP	35.00	41.0
Engineering	450.00	1.0
Hole Seal	21.00	29.0
Pallet	20.00	3.0
Rental	50.00	1.0
Sawdust	4.50	45.0
Sea Mud	15.50	84.0
Shrink Wrap	20.00	3.0
Tax	1.00	257.0
Walnut	14.50	1.0
Safety Checks		
Time	Type	Des
18:00	Safety Meeting	
06:00	Safety Meeting	
Wellbores		
Wellbore Name	KO MD (ftKB)	
Original Hole		



Daily Drilling Report

Report for: 10/2/2014
Report #: 8.0, DFS: 5.08
Depth Progress: 1,140.00

Well Name: ULT M-36-3-1E

UWI/API 43-047-54266		Surface Legal Location 36-3-1		License # FEE	
Spud Date 9/23/2014 09:30		Date TD Reached (wellbore) 10/3/2014 04:30		Rig Release Date 10/4/2014 11:00	
				Ground Elevation (ft) 5,094.00	
				Orig KB Elev (ft) 5,106.00	
Completion Type					
Weather Clear		Temperature (°F) 62.0		Road Condition Good	
				Hole Condition Good	
Operation At 6am Spot 10.0 ppg Kill Pill				Operation Next 24hrs Lay Down Drill Pipe, Run Open Hole Logs, Run & Cement 5.5" Production Casing	

24 Hr Summary

Drilling f/ 7400' to 8540' 7 7/8" Production Hole TD, (1140' @ 51.8 fph) 16k wob, 394 gpm (no losses) Circulate for Logs, Spot Kill Pill, Lithology 40%CLYST, 30%SH,30%SS, BKG 140-352 u, Conn 286-472 u, Peak 2389 u @ 7902'

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	16:30	10.50	10.50	2	DRILL ACTUAL	Drilling f/ 7400' to 7961' (561' @ 53.4 fph) 16k wob, 394 gpm, no losses
16:30	17:00	0.50	11.00	7	LUBRICATE RIG	Rig Service
17:00	04:30	11.50	22.50	2	DRILL ACTUAL	Drilling f/ 7961' to 8540' (579' @ 50.3 fph) 16k wob, 394 gpm, no losses
04:30	06:00	1.50	24.00	5	COND MUD & CIRC	Circulate for Logs, Spot 200 bbl 10.0 ppg Kill Pill TD to 4700'

Mud Checks

7,788.0ftKB, 10/2/2014 13:00

Type DAP	Time 13:00	Depth (ftKB) 7,788.0	Density (lb/gal) 9.55	Funnel Viscosity (s/qt) 31	PV Override (cP) 4.0	YP OR (lb/100ft²) 4.000
Gel 10 sec (lb/100ft²) 4.000	Gel 10 min (lb/100ft²) 7.000	Filtrate (mL/30min)	Filter Cake (1/32")	pH 8.5	Sand (%) 0.3	Solids (%) 9.2
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L) 27,000.000	Calcium (mg/L)	Pf (mL/mL) 0.1	Pm (mL/mL)	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)		

Drill Strings

BHA #2, Steerable

Bit Run 1	Drill Bit 7 7/8in, MM65M, 12465497	Length (ft) 1.00	IADC Bit Dull 1-3-CT-S-X-0-WT-TD	TFA (incl Noz) (in²) 1.18	BHA ROP... 56.7
Nozzles (1/32") 16/16/16/16/16	String Length (ft) 521.87	Max Nominal OD (in) 6.500			

String Components

SEC MM65M, HWDP, Drill Collar, NMDC, UBHO, Mud Motor - Bent Housing

Comment

Security MM65M (Newsco MM,6.5" 7/8, 5.0 Stg. .28 Rev. 1.50° Fixed)(6.375"x2.5"UBHO) (1-6.375"x2.375"NMDC)(5-6.125"x 2.375" DC)(10-4.5" HWDP)

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	7,400.0	8,540.0	3,688.0 0	65.00	51.8	394	16	60	1,500.0	144	170	11,00 0.0

AFE Number 1704814US	
Start Depth (ftKB) 7,400.0	End Depth (ftKB) 8,540.0
Target Formation WASATCH	Target Depth (ftKB) 8,524.0

Daily Contacts

Job Contact	Mobile
Doug Hackford	970-640-3882
Scott Seely	435-828-1101

Rigs

Capstar, 316

Contractor Capstar	Rig Number 316
Rig Supervisor Jacob Staton	Phone Mobile 307-315-5422

1, Gardner-Denver, PZ-9

Pump # 1	Pwr (hp) 750.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b... 0.079
P (psi) 1,500.0	Slow Spd No	Strokes (s... Eff (%) 125 95

2, Gardner-Denver, PZ-9

Pump # 2	Pwr (hp) 750.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b... 0.079
P (psi)	Slow Spd	Strokes (s... Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
DAP	35.00	24.0
Engineering	450.00	1.0
Hole Seal	21.00	19.0
Pallet	20.00	1.0
Rental	50.00	1.0
Sawdust	4.50	5.0
Sea Mud	15.50	96.0
Shrink Wrap	20.00	1.0
Tax	1.00	196.0
Walnut	14.50	1.0

Safety Checks

Time	Type	Des
18:00	Safety Meeting	
06:00	Safety Meeting	

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 10/3/2014
Report #: 9.0, DFS: 6.08
Depth Progress: 0.00

Well Name: ULT M-36-3-1E

UWI/API 43-047-54266		Surface Legal Location 36-3-1		License # FEE	
Spud Date 9/23/2014 09:30	Date TD Reached (wellbore) 10/3/2014 04:30	Rig Release Date 10/4/2014 11:00		Ground Elevation (ft) 5,094.00	Orig KB Elev (ft) 5,106.00

Completion Type	Weather Clear	Temperature (°F) 66.0	Road Condition Good	Hole Condition Good
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Operation At 6am Cement Production Casing	Operation Next 24hrs Nipple Down BOP, Clean Pits, Release Rig For Move to ULT L-36-3-1E
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24 Hr Summary
Lay Down Drill Pipe & BHA- Run Open Hole Logs, Triple Combo w/ HFDT, Loggers TD 8523' - Run 187 Jts. 5.5" 17 lb/ft, CP-80 LT&C Production Casing, Set @ 8523.34', Float Collar Set @ 8475', Wasatch Marker Set @ 7705', TGR3 Marker set @ 5698', Landed Casing Hanger w/ 124K, Cement 5.5" Production Casing.

Time Log						
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	09:30	3.50	3.50	6	TRIPS	Lay Down Drill Pipe to 2500'
09:30	10:30	1.00	4.50	5	COND MUD & CIRC	Circulate Hole Clean, 1 1/2 Bottoms UP, 550 gpm
10:30	13:00	2.50	7.00	6	TRIPS	Continue Lay Down drill Pipe & BHA
13:00	18:30	5.50	12.50	11	WIRELINE LOGS	Run Open Hole Logs, 1 Run Triple Combo w/ HFDT, Loggers Depth 8523'
18:30	03:30	9.00	21.50	12	RUN CASING & CEMENT	Run 187 Jts. 5.5" 17 lb/ft, CP-80 LT&C Production Casing, Set @ 8523.34', Float Collar Set @ 8475', Wasatch Marker Set @ 7705', TGR3 Marker set @ 5698', Landed Casing Hanger w/ 124K
03:30	06:00	2.50	24.00	12	RUN CASING & CEMENT	Safety meeting, Rig Up Halliburton Cementers, Pressure Test lines to 5000 psi. Pump 10 bbl Fresh Water Spacer, 191 bbl (250 sx) 10.5 ppg, 4.31 cuft/sk Lead Cement @ 6 bbl/min., 168 bbl (570 sx) 13.1 ppg, 1.66 cuft/sk Tail cement @ 5 bbl/min, Displace w/ 197 bbl Fresh Water 6/bbl/min,

Mud Checks						
8,540.0ftKB, 10/3/2014 16:00						
Type DAP	Time 16:00	Depth (ftKB) 8,540.0	Density (lb/gal) 9.60	Funnel Viscosity (s/qt) 32	PV Override (cP) 3.0	YP OR (lb/100ft²) 4.000
Gel 10 sec (lb/100ft²) 4.000	Gel 10 min (lb/100ft²) 7.000	Filtrate (mL/30min)	Filter Cake (1/32")	pH 8.5	Sand (%) 0.3	Solids (%) 9.2
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L) 25,000.000	Calcium (mg/L)	Pf (mL/mL) 0.1	Pm (mL/mL)	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)		

Drill Strings						
BHA #2, Steerable						
Bit Run 1	Drill Bit 7 7/8in, MM65M, 12465497	Length (ft) 1.00	IADC Bit Dull 1-3-CT-S-X-0-WT-TD	TFA (incl Noz) (in²) 1.18	BHA ROP... 56.7	
Nozzles (1/32") 16/16/16/16/16	String Length (ft) 521.87	Max Nominal OD (in) 6.500				

String Components SEC MM65M, HWDP, Drill Collar, NMDC, UBHO, Mud Motor - Bent Housing	Comment Security MM65M (Newsco MM, 6.5" 7/8, 5.0 Stg. .28 Rev. 1.50° Fixed) (6.375"x2.5"UBHO) (1-6.375"x2.375"NMDC) (5-6.125"x 2.375" DC) (10-4.5" HWDP)
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Drilling Parameters												
Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	8,540.0	8,540.0	3,688.00	65.00							170	

AFE Number 1704814US	Start Depth (ftKB) 8,540.0	End Depth (ftKB) 8,540.0
Target Formation WASATCH	Target Depth (ftKB) 8,524.0	
Last Casing String Production, 8,523.3ftKB		

Daily Contacts	
Job Contact	Mobile
Doug Hackford	970-640-3882
Scott Seely	435-828-1101

Rigs			
Capstar, 316			
Contractor Capstar		Rig Number 316	
Rig Supervisor Jacob Staton		Phone Mobile 307-315-5422	
1, Gardner-Denver, PZ-9			
Pump # 1	Pwr (hp) 750.0	Rod Dia (in)	
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079	
P (psi) 1,500.0	Slow Spd No	Strokes (s...) 125	Eff (%) 95

2, Gardner-Denver, PZ-9			
Pump # 2	Pwr (hp) 750.0	Rod Dia (in)	
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...)	0.079
P (psi)	Slow Spd	Strokes (s...)	Eff (%)

Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consumed
Barite	10.65	80.0
Brine	7.50	350.0
DAP	35.00	16.0
Engineering	450.00	1.0
Hole Seal	21.00	22.0
Pallet	20.00	5.0
Rental	50.00	1.0
Sawdust	4.50	10.0
Sea Mud	15.50	240.0
Shrink Wrap	20.00	5.0
Tax	1.00	349.0

Safety Checks		
Time	Type	Des
18:00	Safety Meeting	

Wellbores	
Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 10/4/2014
Report #: 10.0, DFS: 6.29
Depth Progress: 0.00

Well Name: ULT M-36-3-1E

UWI/API 43-047-54266	Surface Legal Location 36-3-1	License # FEE
Spud Date 9/23/2014 09:30	Date TD Reached (wellbore) 10/3/2014 04:30	Rig Release Date 10/4/2014 11:00
	Ground Elevation (ft) 5,094.00	Orig KB Elev (ft) 5,106.00

Completion Type	Weather Clear	Temperature (°F) 60.0	Road Condition Good	Hole Condition Good
Operation At 6am	Operation Next 24hrs M.I.R.U. on ULT L-36-3-1E			

24 Hr Summary
Safety meeting, Rig Up Halliburton Cementers, Pressure Test lines to 5000 psi. Pump 10 bbl Fresh Water Spacer, 191 bbl (250 sx) 10.5 ppg, 4.31 cuft/sk Lead Cement @ 6 bbl/min., 168 bbl (570 sx) 13.1 ppg, 1.66 cuft/sk Tail cement @ 5 bbl/min, Displace w/ 197 bbl Fresh Water 6/bbl/min, Good Returns, 1860 psi Lift Pressure @ 3 bbl/ min. Land Latch Down Plug w/ 2350 psi. No cement Back. Floats Held. Nipple Down Bop, Clean Pits. Release Rig @ 11:00, 10/04/2014

Time Log						
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	07:00	1.00	1.00	12	RUN CASING & CEMENT	Safety meeting, Rig Up Halliburton Cementers, Pressure Test lines to 5000 psi. Pump 10 bbl Fresh Water Spacer, 191 bbl (250 sx) 10.5 ppg, 4.31 cuft/sk Lead Cement @ 6 bbl/min., 168 bbl (570 sx) 13.1 ppg, 1.66 cuft/sk Tail cement @ 5 bbl/min, Displace w/ 197 bbl Fresh Water 6/bbl/min, Good Returns, 1860 psi Lift Pressure @ 3 bbl/ min. Land Latch Down Plug w/ 2350 psi. No cement Back. Floats Held.
07:00	11:00	4.00	5.00	14	NIPPLE UP B.O.P	Nipple Down Bop, Clean Pits. Release Rig @ 11:00, 10/04/2014

Mud Checks						
<depth>ftKB, <dtm>						
Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)		

Drill Strings						
BHA #2, Steerable						
Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...	
1	7 7/8in, MM65M, 12465497	1.00	1-3-CT-S-X-0-WT-TD	1.18	56.7	
Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)				
16/16/16/16/16	521.87	6.500				

String Components	SEC MM65M, HWDP, Drill Collar, NMDC, UBHO, Mud Motor - Bent Housing
Comment	Security MM65M (Newsco MM, 6.5" 7/8, 5.0 Stg. .28 Rev. 1.50° Fixed)(6.375"x2.5"UBHO) (1-6.375"x2.375"NMDC)(5-6.125"x2.375" DC)(10-4.5" HWDP)

Drilling Parameters											
Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)
Original Hole	8,540.0	8,540.0	3,688.00	65.00							

AFE Number 1704814US	Start Depth (ftKB) 8,540.0	End Depth (ftKB) 8,540.0
Target Formation WASATCH	Target Depth (ftKB) 8,524.0	
Last Casing String Production, 8,523.3ftKB		

Daily Contacts	
Job Contact	Mobile
Doug Hackford	970-640-3882
Scott Seely	435-828-1101

Rigs		
Capstar, 316		
Contractor Capstar		Rig Number 316
Rig Supervisor Jacob Staton		Phone Mobile 307-315-5422
1, Gardner-Denver, PZ-9		
Pump # 1	Pwr (hp) 750.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b... 0.079
P (psi)	Slow Spd	Strokes (s... Eff (%)

2, Gardner-Denver, PZ-9		
Pump # 2	Pwr (hp) 750.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b... 0.079
P (psi)	Slow Spd	Strokes (s... Eff (%)

Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consumed

Safety Checks		
Time	Type	Des
07:00	Rig Move	

Wellbores	
Wellbore Name	KO MD (ftKB)
Original Hole	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: fee
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: CRESCENT POINT ENERGY U.S. CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 555 17th Street, Suite 750 , Denver, CO, 80202		8. WELL NAME and NUMBER: ULT M-36-3-1E
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1324 FSL 1326 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 36 Township: 03.0S Range: 01.0E Meridian: U		9. API NUMBER: 43047542660000
PHONE NUMBER: 720 880-3621 Ext		9. FIELD and POOL or WILDCAT: RANLETT
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/29/2015	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="Drilling Window"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Please see attached explanation about the directional drilling on the ULT M-36-3-1E .		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 18, 2015		
NAME (PLEASE PRINT) Valari Cray	PHONE NUMBER 303 880-3637	TITLE Drilling And Completion Tech
SIGNATURE N/A	DATE 1/29/2015	



January 26, 2015

State of Utah
Division of Oil, Gas and Mining
ATTN: Brad Hill
1594 West North Temple
Salt Lake City, UT 84116

RE: **ULT M-36-3-1E**
Section 36, T3S, R1E
Uintah County, Utah

Dear Mr. Hill,

The ULT M-36-3-1E (the "Well") was originally permitted as a vertical well. Crescent Point Energy ("CPE") drilled the well with a packed bottom hole assembly anticipating only minor amounts of natural drift. Throughout the drilling process the Well drifted slightly more than anticipated resulting in a south and west oriented variation to the permitted bottom hole location. CPE proposes the Well to be a directional under R649-3-11.

CPE is the owner of 100% of the mineral leasehold within a 460' radius along all points of the drilled wellbore.

Due to these circumstances, CPE respectfully requests that DOGM administratively grant the as-drilled directional plan for the ULT M-36-3-1E. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-6786 or by email at rwaller@crescentpointenergy.com. Your consideration of this matter is greatly appreciated.

Sincerely,

A handwritten signature in green ink, appearing to read 'Ryan Waller', is written over the typed name.

Ryan Waller
District Landman

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MININGAMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG						5. LEASE DESIGNATION AND SERIAL NUMBER:			
						6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____						7. UNIT or CA AGREEMENT NAME			
b. TYPE OF WORK: NEW WELL <input type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____						8. WELL NAME and NUMBER:			
2. NAME OF OPERATOR:						9. API NUMBER:			
3. ADDRESS OF OPERATOR: CITY _____ STATE _____ ZIP _____					PHONE NUMBER:	10 FIELD AND POOL, OR WILDCAT			
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: AT TOP PRODUCING INTERVAL REPORTED BELOW: AT TOTAL DEPTH:						11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:			
						12. COUNTY		13. STATE	
								UTAH	
14. DATE SPUDDED:		15. DATE T.D. REACHED:		16. DATE COMPLETED: ABANDONED <input type="checkbox"/> READY TO PRODUCE <input type="checkbox"/>		17. ELEVATIONS (DF, RKB, RT, GL):			
18. TOTAL DEPTH: MD _____ TVD _____		19. PLUG BACK T.D.: MD _____ TVD _____		20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE MD _____ PLUG SET: TVD _____			
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)					23. WAS WELL CORED? NO <input type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input type="checkbox"/> (Submit copy)				
24. CASING AND LINER RECORD (Report all strings set in well)									
HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
25. TUBING RECORD									
SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	
26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.									
DEPTH INTERVAL		AMOUNT AND TYPE OF MATERIAL							
29. ENCLOSED ATTACHMENTS:								30. WELL STATUS:	
<input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS				<input type="checkbox"/> GEOLOGIC REPORT		<input type="checkbox"/> DST REPORT		<input type="checkbox"/> DIRECTIONAL SURVEY	
<input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION				<input type="checkbox"/> CORE ANALYSIS		<input type="checkbox"/> OTHER: _____			

31. INITIAL PRODUCTION**INTERVAL A (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)**33. SUMMARY OF POROUS ZONES (Include Aquifers):**

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) _____ TITLE _____

SIGNATURE _____ DATE _____

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940



Job Number: 34391
Company: Crescent Point
Lease/Well: ULT M36-3-1E
Location:
Rig Name: Capstar 316
RKB: 18
G.L. or M.S.L.: 4898

State/Country: Utah/ USA
Declination: 11.1
Grid:
File name: C:\WINSERVE\ACCESS\34391.SVY
Date/Time: 03-Oct-14 / 04:59
Curve Name: As Drilled

Newsco

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane .00
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

<i>Measured Depth FT</i>	<i>Incl Angle Deg</i>	<i>Drift Direction Deg</i>	<i>True Vertical Depth</i>	<i>N-S FT</i>	<i>E-W FT</i>	<i>Vertical Section FT</i>	<i>C L O S U R E Distance FT</i>	<i>Direction Deg</i>	<i>Dogleg Severity Deg/100</i>	<i>Course Length FT</i>
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
1146.00	.30	64.90	1145.99	1.27	2.72	1.27	3.00	64.90	.03	1146.00
2046.00	.80	191.00	2045.97	-3.90	3.65	-3.90	5.34	136.85	.11	900.00
3047.00	1.40	222.60	3046.79	-19.76	-5.96	-19.76	20.64	196.78	.08	1001.00
4046.00	3.00	192.80	4045.05	-54.24	-20.01	-54.24	57.81	200.25	.19	999.00
4823.00	4.50	199.90	4820.36	-102.73	-34.89	-102.73	108.49	198.76	.20	777.00
4952.00	3.40	200.90	4949.06	-111.06	-37.98	-111.06	117.37	198.88	.85	129.00
5080.00	2.60	202.40	5076.88	-117.29	-40.44	-117.29	124.07	199.02	.63	128.00
5208.00	.50	175.60	5204.83	-120.53	-41.50	-120.53	127.48	199.00	1.69	128.00
5435.00	.60	171.70	5431.82	-122.69	-41.26	-122.69	129.45	198.59	.05	227.00
5564.00	1.20	191.10	5560.80	-124.69	-41.42	-124.69	131.39	198.38	.52	129.00
5692.00	1.40	198.30	5688.77	-127.49	-42.17	-127.49	134.28	198.30	.20	128.00
5820.00	1.70	201.50	5816.72	-130.74	-43.36	-130.74	137.74	198.35	.24	128.00
5949.00	1.50	201.60	5945.67	-134.09	-44.68	-134.09	141.34	198.43	.16	129.00
6077.00	1.50	201.20	6073.63	-137.21	-45.90	-137.21	144.68	198.50	.01	128.00
6205.00	1.80	203.00	6201.57	-140.62	-47.29	-140.62	148.36	198.59	.24	128.00
6333.00	1.80	201.60	6329.51	-144.34	-48.82	-144.34	152.37	198.69	.03	128.00
6462.00	2.00	192.20	6458.44	-148.42	-50.04	-148.42	156.63	198.63	.29	129.00
6590.00	2.20	195.20	6586.35	-152.98	-51.16	-152.98	161.31	198.49	.18	128.00
6718.00	2.20	179.60	6714.26	-157.81	-51.78	-157.81	166.09	198.17	.47	128.00
6846.00	3.10	178.30	6842.12	-163.72	-51.66	-163.72	171.68	197.51	.70	128.00
6975.00	3.10	171.60	6970.93	-170.66	-51.05	-170.66	178.13	196.65	.28	129.00
7103.00	2.80	181.10	7098.76	-177.21	-50.60	-177.21	184.29	195.94	.45	128.00
7189.00	2.80	184.40	7184.66	-181.40	-50.81	-181.40	188.38	195.65	.19	86.00
7317.00	3.10	186.90	7312.49	-187.96	-51.46	-187.96	194.88	195.31	.25	128.00

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E Distance FT	Direction Deg	Dogleg Severity Deg/100	Course Length FT
7446.00	2.80	185.00	7441.32	-194.56	-52.15	-194.56	201.43	195.01	.24	129.00
7574.00	3.10	181.60	7569.15	-201.13	-52.52	-201.13	207.88	194.64	.27	128.00
7702.00	3.50	183.30	7696.94	-208.49	-52.85	-208.49	215.09	194.22	.32	128.00
7830.00	3.50	185.50	7824.70	-216.28	-53.44	-216.28	222.79	193.88	.10	128.00
7959.00	3.20	187.80	7953.48	-223.77	-54.31	-223.77	230.27	193.64	.25	129.00
8086.00	3.40	188.80	8080.27	-231.00	-55.37	-231.00	237.55	193.48	.16	127.00
8215.00	3.60	189.00	8209.03	-238.78	-56.59	-238.78	245.40	193.33	.16	129.00
8343.00	3.50	191.30	8336.78	-246.58	-57.98	-246.58	253.31	193.23	.14	128.00
8471.00	4.00	194.20	8464.51	-254.74	-59.84	-254.74	261.68	193.22	.42	128.00
8495.00	4.20	193.20	8488.45	-256.41	-60.25	-256.41	263.39	193.22	.88	24.00
Projection to Bit										
8540.00	4.20	193.20	8533.33	-259.62	-61.00	-259.62	266.69	193.22	.00	45.00